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WORLDWIDE SURVEY OF NONMEDICAL DRUG USE AND ALCOHOL USE AMONG MILITARY PERSONNEL:1980



by:

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November 14, 1980

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SECURITY CLASSIER ATION OF THIS PALE When Doce Entered Phencyclidine and heroin were found to be the least used drugs. Nineteen percent of the junior enlisted men reported being high on drugs while working at some time during the previous year while 15° said they have been drunk while working sometime during the year. However, overall and with the exception of cannabis use, drug use in the military population has shown a decline since 1974, the year of the last worldwide survey.

### PREFACE AND ACKNOWLEDGEMENTS

This 1980 Worldwide Survey of Nonmedical Drug Use and Alcohol Use Among Military Personnel was conducted by Burt Associates, Incorporated, and its subcontractor, National Analysts, under the sponsorship and guidance of the Department of Defense (DOD). The survey was intended to provide a comprehensive, detailed, and accurate estimate of the prevalence of nonmedical drug use and alcohol use among the active duty military population worldwide and to provide information on the physical, social and work-related consequences of substance use in the population. Similar periodic surveys will be conducted in future years to determine the extent to which changes occur in the use of drugs and alcohol and to assess the impact of policy and program interventions.

Many dedicated individuals contributed to the success of this survey. Among DOD and Military Service personnel, special appreciation is extended to Brigadier General William C. Louisell for his overall support of the project and to Mr. James F. Holcomb for his assistance in coordinating the preliminary and final reports. Dr. John Lazaruk contributed substantially also in the initial conceptualization and procedural organization of the survey. The extensive coordination provided by the Service Liaison Officers, the on-site assistance and courtesies extended by the Base Liaison Officers,

and the cooperation of the more than 15,000 servicemember participants, of course, were major factors leading to the successful completion of the project.

Several consultants made substantial contributions.

Dr. Donald Cahalan advised on the technical aspects of the survey throughout the duration of the project and provided invaluable comments on the final report. Dr. Ira Cisin, Social Research Group, The George Washington University, provided invaluable comments on the final report and assisted in utilizing the data from the national survey of drug use in the civilian population sponsored by the National Institute on Drug Abuse. Dr. Walter Clark, Social Research Group, University of California, assisted in questionnaire development and provided constructive comments through his review of the report section on alcohol use. The authors and Burt Associates, Incorporated are solely responsible for any errors.

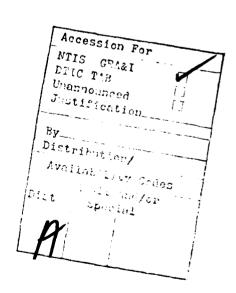
Staff of National Analysts, under subcontract, contributed significantly to the sampling design and subsequent field work. Mr. Anthony M. Asmann deserves special credit for his work in developing the worldwide sample. Similarly, Dr. Lucy C. Wilson provided valuable assistance in the organization and training of the National Analysts Field Team Members.

Several staff members of Burt Associates, Incorporated contributed significantly to the project. Ms. Angela Elbin and Mrs. Rosa Frazier handled the complex logistical

arrangements; Ms. Yukiko Carnes and Mr. Edward Farley were responsible for the data processing tasks, in consultation with American Managment Systems; and Ms. Phyllis Goodwin assured completion of the enormous typing and clerical requirements. Finally, the stalwart team members who braved the rigors of a worldwide field survey are to be congratulated for a job well done.

Marvin R. Burt President

Mark M. Biegel Project Director



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#### GUIDE TO DATA TABLES

The major emphasis in this report is the analysis of worldwide Department of Defense (DOD) survey data for determining the prevalence and consequences of nonmedical drug use and alcohol use. Some additional analyses are provided for combined drug and alcohol use and dependency on drugs and alcohol.

In general, prevalence data are reported for nine drug types and three types of alcoholic beverages. Where possible, data are displayed by total DOD; by each Military Service; by pay grade categories El-E5, E6-E9, O1-O3, and O4-O6; and by geographical region. 1

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<sup>&</sup>lt;sup>1</sup>The low number of respondents in pay grade Wl-W4 made it necessary to limit presentation of data for this group to worldwide totals by Military Service.

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### I. INTRODUCTION

This worldwide survey was undertaken to provide estimates of the prevalence of nonmedical drug use and alcohol use among active duty personnel in the Military Services and to provide the Department of Defense (DOD), additionally, with related information on the effects or consequences of substance use on the servicemember's well-being and job performance. "Nonmedical drug use" is defined for the purpose of this survey, as the use of drugs for nonmedical purposes, that is, for highs, for thrills, to relax, to give insight, or for pleasure.

The findings presented in this report are based on the responses of 15,268 randomly selected military personnel to a self-administered anonymous questionnaire completed during the months of February through April of 1980. To place the results in prespective, comparisons are made between military and civilian subpopulations.

This worldwide survey is significant not only because it provides detailed current estimates of the prevalence of drug and alcohol use but also because it can be systematically repeated and, thus, provide a baseline for examining future trends. Survey information, such as that provided in the report, can be used by the Department of Defense to assess

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<sup>1</sup>Civilian data are extracted from the 1979 national survey sponsored by the National Institute on Drug Abuse.

the effectiveness of policies for the prevention of drug and alcohol abuse; to determine the need for reallocation of resources; to realign emphasis of program elements; or as a basis for targeting particular groups or geographical areas for special attention. Over time, repeated surveys could signal emerging problems and the impact of new policies, programs, or events.

### Sample Design

The DOD stipulated that a sample be drawn of all active duty military personnel throughout the world from which reliable estimates of drug and alcohol use could be made with known degrees of error for each of the Military Services, for four pay grade groupings, and for three main geographical regions and "Other Locations." It was further stipulated that the response rate among sampled personnel be 80 percent or higher, without replacements.

Because of budgetary and time constraints, it was not possible to survey every servicemember in each of the over 300 locations throughout the world. These considerations dictated a design that sampled both personnel and locations by probability means. A stratified multistage probability sample was subsequently developed and implemented. Both sites and personnel were randomly selected. Differential personnel sampling rates were used to obtain sufficient sample sizes in the various respondent subgroups. Sample weighting procedures were applied to put the complete respondent sample into balance; these are described in Appendix A.

The final sample size designated for each Service by geographical region is shown in Table I-1. The sample was composed of 19,582 military personnel stationed at 81 installations. As shown in Table I-2, the survey respondents were predominately male, white and between the ages of 18 through 25. As indicated also, the sample was representative of all DOD personnel, worldwide, with respect to the characteristics shown. The population represented by the sample is depicted in Appendix B.

At each survey site, a random sample was drawn from the most current listing of all personnel assigned to the installation. The random selection was made from all personnel in pay grades El through 06 of the one designated Service permanently assigned to organizations included in the specified installation. The last two digits of the individual's Social Security Account Number were used as the device for random selection of the respondents. Not included in the population base from which a sample was drawn were those personnel in recruit or basic training and those personnel in units known or expected to be at sea or deployed away from the installation at the time of the questionnaire administration. Personnel selected for the sample could be

An installation was composed of all permanent parent and tenant units at a base, post, camp, station or ships in a designated location.

<sup>&</sup>lt;sup>2</sup>The detailed sample selection procedures were designed to accommodate unique Service personnel accounting systems and local capabilities to produce the random sample.

TABLE I-1

### SAMPLE ALLOCATION

REGION	NO. SITES	SAMPLE
ARMY	(19)	(6,239)
CONUS	8	3,026
EUROPE	4	1,320
PACIFIC	5	1,548
OTHER	2	345
NAVY	(30)	(5,202)
CONUS	17	3,202
EUROPE	5	600
PACIFIC	7	1,174
OTHER	1	226
MARINE CORPS	(10)	(2,861)
CONUS	7	1,917
PACIFIC	3	944
AIR FORCE	(22)	(5,280)
CONUS	11	2,464
EUROPE	5	1,066
PACIFIC	5	1,284
OTHER	1	466
TOTAL	(81)	(19,582)
CONUS	43	10,609
EUROPE	14	2,986
PACIFIC	20	4,950
OTHER	4	1,037

1

TABLE 1-2

DEMOGRAPHIC CHARACTERISTICS OF SURVEY RESPONDENTS AND ALL DOD
MILITARY PERSONNEL

### (PERCENTAGE OF POPULATION)

CHARACTERISTIC	TOTAL SURVEY	DOD ACTUAL
SEX MALE FEMALE	91 9	92 8
RACE/ETHNIC WHITE/CAUCASIAN AFRO AMERICAN/BLACK HISPANIC ORIENTAL/ASIAN/PACIFIC ISLANDER AMERICAN INDIAN/ALASKAN NATIVE OTHER	71 18 5 3 1	73 19 4 1 2
MARITAL STATUS MARRIED NOT MARRIED	53 47	52 <b>4</b> 8
AGE 17 OR UNDER 18-25 26-29 30-34 35-39 40 OR OVER	1 55 15 13 10 6	1 56 14 13 10 6

MARCH 1980: DEFENSE MANPOWER DATA CENTER.

excused from questionnaire administration only for the following authorized reasons:

- . on leave from the parent organization
- . on temporary duty away from the installation
- . absent without leave
- . assigned a permanent change of station
- . separated from the Service

Absences for any other reason were designated as "no-shows."

It is well known that a survey based on samples of a population can only approximate the level of accuracy that would be obtained if it were possible for the entire population to participate in the survey. Because of this, there is a need to know the precision of the estimates from a particular sample survey. The 95 percent confidence limits for any percentage estimate reported in this volume are provided in Appendix C. These confidence limits are particularly important where estimates are given for subgroups of the population. The reader should be aware that those subgroups with relatively few cases will have relatively greater margins of error than those subgroups with a larger number of respondents. This notably includes subgroups of officers and warrant officers. Regional data on officers should be viewed with particular caution because of the small number of respondents in those subgroups. The number of respondents in each subgroup is depicted in Appendix D.

### Instrumentation

The questionnaire developed for this survey was in an optical-scan format and designed to be anonymously self-administered, as specified by DOD. Questions were multiple choice. Some items were adapted from previous DOD and civilian surveys for the purpose of conducting comparative analyses of data from this and other surveys.

The instrument was intended to elicit responses that would provide a basis for estimating the prevalence and consequences of nonmedical drug use and alcohol use. Items generally focused on the frequency and amount of use, reasons associated with use or non-use, and the consequences of use in terms of adverse effects on the individual's well-being and job performance. Scales and/or items for estimating dependency on the different substances were included. Alcohol items included beer, wine and hard liquor. The nine drug types used are listed below, together with verbatim examples from the questionnaire:

DRUG

<u></u>	
Marijuana	"Pot," "Grass"
Hashish	"Hash"
PCP	"Angel Dust"
Other Hallucinogens	LSD, Mescaline, Peyote, STP, DOM, DMT, Psilocybin
Cocaine	"Coke," "Snow"
Amphetamines	Benzedrine, "Bennies," Meth- adrine, Dexedrine, "Speed"
Other Uppers	Preludin, Ritalin, Sandrex

EXAMPLE

Also included were items on the demographic and service-related characteristics of the individual respondents. The demographic items covered age, sex, weight, educational level, marital status and racial/ethnic group. Items concerning Military Service included identification of Service affiliation, pay grade, occupational specialty code, amount of active duty time, type of duty, current military environment, career intentions and job satisfaction.

A pretest of the questionnaire was conducted at one military installation to determine the adequacy of the overall and item formats, the comprehensiveness of substantive content, the time required to complete the questionnaire, and the usefulness of the administration procedures. Pretest respondents were personally interviewed about their reactions to the questionnaire instructions, the format and the substantive content as well as their reading comprehension. Subsequently, the pretest responses to each questionnaire were reviewed for item completion rate and proper recording of responses. Some minor changes in format were made as a result of the pretest. A more comprehensive list of

examples of drug types was devised and revisions were made in the content of several response categories. The questionnaire was then printed in an optical-scan format to be used in a Pilot Test.

### Pilot Test

The Pilot Test was designed to determine the adequacy of the questionnaire and the field procedures and to provide data for determining the validity of responses to sensitive items. The validity issue was particularly crucial. The accuracy of the survey findings on substance use obviously rested on the respondents' willingness to acknowledge any nonmedical use of drugs or their use of or dependency on alcohol. And, obviously, users would be less likely to be honest if they feared such admissions would be made public and subsequently adversely affect their job performance evaluations or career advancement potentials or even result in prosecution. It was imperative that BAI's stringent procedures to protect anonymity be carefully tested to determine whether respondents indeed felt protected enough to respond candidly to items related to substance use. Of course, each item on substance use needed to be examined for clarity, since a commonly misunderstood question would result in invalid answers.

The Pilot Test was conducted at four military installations in the eastern continental United States. Each of the Military Services was represented in the sample of

respondents (n= 1,284). Upon completion of the questionnaire, 10 percent of the respondents were randomly selected for interviews conducted by the BAI Field Team. These interviews provided information about the clarity of the optical-scan formatting and the content of the questionnaire, about the administrative procedures associated with the selection and attendance of the participants, and about the participants' reactions to sensitive items and assurances of anonymity and confidentiality. A major aspect of the Pilot Test was an evaluation of the field procedures developed for the survey and published in a Field Manual. Included were instructions for the selection of the installation sample and the actions necessary to provide the support for administration of the questionnaire. The opportunity to test these procedures proved quite valuable in exposing certain problems associated with the capability of local commands to draw an adequate sample. These problems were corrected by a change in the Field Manual which provided specific instructions for local sample selection based on each Military Service's personnel accounting system capability.

The 1,284 completed questionnaires were analyzed to provide information on the validity of the responses. The results provided some direct evidence that responses to drug use were generally valid. A high percentage of the respondents admitted to drug use and the overwhelming majority of those who did so were in pay grades E1-E5--the group considered to be at high risk. More convincingly, comparisons

of the responses of those who said they used drugs "frequently" or "sometimes" with the reported results on consequences of drug use showed substantial consistency between the two types of data. A more detailed discussion of response validity is presented in Appendix E.

On the basis of the Pilot Test results, the questionnaire and field procedures were revised and put into final form for the worldwide survey.

### Field Procedures

The survey was conducted during the months of February,
March, and April of 1980. These months were chosen in order
to avoid holiday seasons, high peak transfer seasons, and
vacation periods. A few minor delays were encountered because
of troop deployment, emergency operations, unit exercises, or
other conflicting schedules.

Work in the field proceeded in several steps. First, of course, was the sampling of respondents; this was conducted at each site by a designated Base Liaison Officer (BLO) using the sampling procedures specified by BAI. Prior to the questionnaire administration sessions, the BLO also assumed the following responsibilities:

- . Arranging for the facilities to be used for questionnaire administration sessions.
- . Development of the time schedule for each session.
- . Compilation of a roster containing the names of the selected respondent group for each session.
- . Arrangements for respondent attendance.
- . Provisions for security of the questionnaires.
- . Schedules for make-up sessions.

Upon the arrival of the BAI Field Team at the survey site, the BLO provided them with the questionnaire administration schedule, rosters of personnel selected for each session, and a master list of the entire sample population. In addition, the BLO made available a Sampling Summary Sheet which displayed both the installation population and the sample selected (each by number and percentage in five pay grade groups). Installation population characteristics were further documented for the BAI Field Team in terms of age, sex, education, and marital status.

Subsequently, the questionnaire sessions were conducted by a BAI Field Team trained to ensure the integrity of the administration process. Two Field Team Members were present at each site. No military personnel assisted in these sessions, which were conducted during regular working hours. As each session was initiated, a Field Team Member checked off each sampled individual's name on the roster, prior to the participant's entry into the questionnaire administration facility. Once a session began, a questionnaire was distributed to each participant. The BAI proctor then read an introductory statement that described the purpose of the survey, provided assurances of confidentiality of responses, and cautioned participants not to place any personal identification information on the questionnaire form. The proctor then asked participants to read the first page of the

questionnaire; this documented the voluntary nature of participation in the survey and provided instructions for responding to the questions. Any questions that the participants had about the survey were answered by BAI representatives during this introductory period; no questions were permitted during the time participants were responding to the self-administered questionnaire.

Sampled respondents who were listed as "not present" at a scheduled session were required to be accounted for with a notation on the roster by the BLO, following the BLO's inquiry with the individual's unit. Make-up sessions were instituted for all sampled personnel who had no legitimate reason for failing to appear at a scheduled session. Before their departure from the installation, the BAI Field Team Members were given a copy of all session rosters and the master list of selected participants that was annotated to indicate the reasons for exclusions and "no-shows."

Completed questionnaires were secured by the BAI representatives after each session and all questionnaires then were sent directly to the optical-scan processing center. Before leaving the installation, the BAI Field Team Members mailed a Site Visit Report to the Project Director that described the arrangements on site, attendance, problems, and types of documentation received.

### Survey Results

A response rate of 93 percent (respondents - sampled personnel less official exclusions) was achieved; this resulted in 15,268 completed questionnaires. A complete description of the response rate and the number of respondents for each Service by pay grade and geographical region is given in Appendix F. The representativeness of the sample was demonstrated previously in Table I-2.

### Comparability of Data

This report follows a comparative format, as required by the Department of Defense; that is, data are displayed for each of the Services with regard to drug and alcohol use and related factors. It is important to note, however, that substance abuse has been found to correlate generally with the following characteristics: (1) younger adult age, (2) being unmarried, (3) lower educational attainment, and (4) being male. Therefore, to the extent that a Service has a higher proportion of personnel with these characteristics, compared to another Service, it might be expected to have a higher proportion of substance abusers (assuming all other factors are equal). It would be possible to control for these characteristics and compute standardized comparisons among the Services. However, this was not the purpose of this study. The purpose was to present estimates for each individual Service; and this is precisely what was accomplished. For this reason, comparisons among the Services

should be made with some caution; realizing that such comparisons are affected by the characteristics of personnel in each Service.

In contrast, the purpose of making comparisons of substance use among the military and civilian populations was precisely for the purpose of determining to what extent the prevalence among military personnel was equivalent to that of the civilian population, holding constant the characteristics of the military and civilian populations. This required controlling for the four factors discussed previously. The result of this procedure is comparative data that are unbiased with respect to those four factors.

### Interpretation of The Findings

In any study of human behavior, there are usually several perspectives from which the implications of the findings may be seen, depending to a considerable extent upon the relevance of the issue to the person interpreting the findings. This possibility of controversy in interpretation is obviously relevant to this report.

This report is intended to present an <u>objective description of the behavior of military personnel</u> with respect to nonmedical drug use and alcohol use and the consequences of such use while avoiding expressing any implication that the behavior is necessarily "very bad" or "not so bad." The analyses are presented in sufficient detail so that such evaluative interpretations can be made by those responsible for policy and performance assessment within the Department of Defense.

#### II. SUMMARY

This summary reflects the principal findings of the survey. Considerably more detailed analyses are in Chapters III, IV, and V.

### Drug Use

Prevalence of Nonmedical Drug Use

The percentage of the military population using each of nine types of drugs nonmedically is depicted in Table II-1; the types of drugs are ranked from highest to lowest prevalence. Two time periods are presented:

- . any use during the past 30 days (i.e., current use)
  and;
- . any use during the past 12 months (i.e., annual use).

The type of drug most commonly used for the DOD as a whole was marijuana or hashish; the prevalence of current use was 26 percent and annual use was 35 percent. There was very little difference between the prevalence of marijuana or hashish use and "any drug use." This indicates that nearly all nonmedical drug users used at least marijuana or hashish.

Nonmedical drug use by military personnel other than E1-E5's was comparatively rare (Tables II-2 and II-3). Current use for E6-O6's was no more than 1 percent for any type of drug other than marijuana or hashish and the prevalence of marijuana or hashish use for these personnel was

TABLE II-1
POPULATION USING EACH DRUG
(PERCENTAGE)

DRUG TYPE/		SERVICE				
USE PERIOD	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE	
ANY DRUG USE						
PAST 30 DAYS PAST 12 MONTHS	27 36	29 <b>3</b> 8	33 43	37 47	14 23	
MARIJUANA/HASHISH			4		• •	
PAST 30 DAYS PAST 12 MONTHS	26 35	28 37	32 42	36 <b>4</b> 7	14 22	
AMPHETAMINES OR OTHER UPPERS						
PAST 30 DAYS PAST 12 MONTHS	6 13	6 12	10 19	8 19	3 6	
COCAINE			_			
PAST 30 DAYS PAST 12 MONTHS	11	10	7 17	8 19	1 5	
HALLUCINOGENS (OTHER THAN PCP)						
PAST 30 DAYS PAST 12 MONTHS	3 8	2 7	5 12	7 15	1 3	
TRANQUILIZERS		{				
PAST 30 DAYS PAST 12 MONTHS	2 6	5	3 9	2 7	1 2	
BARBITURATES OR OTHER DOWNERS	{	İ				
PAST 30 DAYS PAST 12 MONTHS	6	6	3 8	3 9	1	
OPIATES (OTHER THAN HEROIN)	1					
PAST 30 DAYS PAST 12 MONTHS	1 4	2 4	2 5	2 6	1	
PCP		1				
PAST 30 DAYS PAST 12 MONTHS	1 4	1 4	1 5	3 10	†	
HEROIN		1				
PAST 30 DAYS PAST 12 MONTHS	1 2	3	1	1	+	
			·	· 	·	

<sup>+</sup> LESS THAN HALF OF ONE PERCENT.

TABLE II-2

POPULATION USING EACH DRUG--BY PAY GRADE GROUP

(PERCENTAGE)

DRUG TYPE/ USE PERIOD	7074	PAY GRADES				
	TOTAL DOD	E1-E5	E6-E9	W1-W4	01-03	04-06
ANY DRUG USE						
PAST 30 DAYS PAST 12 MONTHS	27 36	38 50	5 9	3 4	4 9	1 2
MARIJUANA/HASHISH	į	ļ				
PAST 30 DAYS PAST 12 MONTHS	26 35	37 49	<b>4</b> 9	3	<b>3</b> 8	1
AMPHETAMINES OR OTHER UPPERS						
PAST 30 DAYS PAST 12 MONTHS	6 13	9 19	1 2	0	† 1	++
COCAINE	<u> </u>	}				
PAST 30 DAYS PAST 12 MONTHS	4 11	7 17	<b>+</b> 1	0 2	++	0 +
HALLUCINOGENS (OTHER THAN PCP)	)	<u> </u>				
PAST 30 DAYS PAST 12 MONTHS	3 8	5 12	+ 1	0 0	+ +	0 +
TRANQUI LI ZERS	Ì	}				
PAST 30 DAYS PAST 12 MONTHS	2 6	3 8	+ 1	0 +	†	0 +
BARBITURATES OR OTHER DOWNERS						
PAST 30 DAYS PAST 12 MONTHS	2 6	3 8	†	0 0	†	0
OPIATES (OTHER THAN HEROIN)						
PAST 30 DAYS PAST 12 MONTHS	1 4	2 5	+ +	0 0	++	0 +
PCP		i 				
PAST 30 DAYS PAST 12 MONTHS	1 4	1 6	++	0	0 +	0
HEROI N						
PAST 30 DAYS PAST 12 MONTHS	1 2	1 2	+ +	0	0	0 +

<sup>+</sup> LESS THAN HALF OF ONE PERCENT.

TABLE II-3
POPULATION OF E1-E5'S USING EACH DRUG BY SERVICE

(PERCENTAGE)

DRUG TYPE/	T	SERVICE				
USE PERIOD	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE	
ANY DRUG USE						
PAST 30 DAYS PAST 12 MONTHS	38 50	41 53	48 59	48 61	21 33	
MARIJUANA/HASHISH		Ì				
PAST 30 DAYS PAST 12 MONTHS	37 49	40 52	<b>47</b> 58	<b>47</b> 60	20 32	
AMPHETAMINES OR OTHER UPPERS						
PAST 30 DAYS PAST 12 MONTHS	9 19	8 17	15 28	10 25	<b>4</b> 9	
COCAINE		Ì				
PAST 30 DAYS PAST 12 MONTHS	7 17	6 15	11 25	10 26	2 8	
HALLUCINOGENS (OTHER THAN PCP)	}	1				
PAST 30 DAYS PAST 12 MONTHS	5 12	3 10	7 18	10 21	2 5	
TRANQUILIZERS						
PAST 30 DAYS PAST 12 MONTHS	3 8	3 8	4 13	3 9	1 3	
BARBITURATES OR OTHER DOWNERS		l				
PAST 30 DAYS PAST 12 MONTHS	3 8	<b>4</b> 8	5 12	4 11	1 4	
OPIATES (OTHER THAN HEROIN)						
PAST 30 DAYS PAST 12 MONTHS	2 5	2 6	2 7	2 7	1 2	
PCP						
PAST 30 DAYS PAST 12 MONTHS	1 6	2 6	2 7	4 13	†	
HEROIN						
PAST 30 DAYS PAST 12 MONTHS	1 2	2 4	1 2	+	ţ	

<sup>+</sup> LESS THAN HALF OF ONE PERCENT.

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not large. This pattern is undoubtedly a reflection of the younger age of junior enlisted personnel compared to personnel in other pay grade groups. In view of these patterns of nonmedical drug use, the remaining analyses of drug prevalence and consequences in this chapter focus solely on the junior enlisted group.

One-half of the E1-E5's reported using marijuana or hashish at least once during the past 12 months; 37 percent reported use during the past 30 days. As indicated previously, the slight differences between any drug use and marijuana or hashish use indicate that nearly all nonmedical drug users used at least marijuana or hashish. The patterns of use by E1-E5's in terms of the rank ordering of drug types from highest to lowest prevalence was the same as shown in Table II-1 for all DOD personnel; but, of course, the rates for E1-E5's are higher. Similarly, the patterns of use among the E1-E5's in the different Services are similar to those for all DOD personnel but, again, their rates are higher.

### Drug Dependency

It is estimated that 3 percent of DOD junior enlisted personnel were physiologically drug dependent and that a total of 4 percent were physiologically or psychologically drug dependent at some time during the preceding 12 months. The percentage of E1-E5's who were drug dependent is depicted in Table II-4. Drug dependency is defined in Chapter III.

TABLE II-4

DRUG DEPENDENCE

(PERCENTAGE OF E1-E5 POPULATION)

	TOTAL		SERV	/ICE	
TYPE OF DEPENDENCE	DOD	ARMY NAVY	NAVY	MARINE CORPS	AIR FORCE
PHYSIOLOGICAL	3	4	3	4	1
PHYSIOLOGICAL AND/OR PSYCHOLOGICAL	4	5	4	5	1

# Consequences of Drug Use

The respondents were asked to indicate whether each of two consequences of nonmedical drug use had occurred during the past 12 months. Table II-5 shows that 19 percent of the junior enlisted respondents reported suffering at least one of the consequences during the preceding 12 months.

TABLE II-5
SELECTED CONSEQUENCES OF DRUG USE (PERCENTAGE OF E1-E5 POPULATION)

CONCROLLENCE	TOTAL		SER	VICE	
CONSEQUENCE	DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE
USED MORE DRUGS THAN PLANNED	10	9	13	14	6
HIGH MORE THAN 1 DAY AT A TIME	17	16	22	24	9
TOTAL WITH EITHER OF THE TWO CONSEQUENCES	19	18	25	27	11

The respondents were also asked to indicate whether each of 15 physical, social or work consequences had occurred because of their use of drugs during the past 12 months. Ten percent of the junior enlisted personnel reported suffering at least one of the 15 consequences during that period (Table II-6).

Junior enlisted personnel who reported one or more of the 17 consequence:  $^{1}$  experienced them a median of three times.  $^{2}$ 

#### Work Impairment

Turning now to a more specific focus on work impairment because of drug use, four types of work impairment are considered: (1) "lowered performance," (2) "late for work or left early," (3) "did not come to work," and (4) "high while working."

The type of work impairment most frequently reported by junior enlisted personnel was "high while working" (19 percent); nearly one-half of the El-E5 respondents indicating this had occurred reported experiencing this on 40 or more days during the preceding 12 months. Substantially lower proportions of El-E5 respondents reported other work impairments, as shown in Table II-7, and nearly all of them also reported being "high while working."

<sup>&</sup>lt;sup>1</sup>This analysis combines both groups of consequences.

<sup>&</sup>lt;sup>2</sup>A person experiencing consequences (say) three times could have experienced one consequence three times, three different consequences one time each, or another combination.

TABLE II-6

SPECIFIC CONSEQUENCES OF DRUG USE DURING PAST 12 MONTHS

(PERCENTAGE OF E1-E5 POPULATION)

			SERVI	CE	
CONSEQUENCES	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE
ILLNESS KEPT FROM DUTY 1 WEEK OR LONGER	2	3	1	2	+
DIDN'T GET PROMOTED	3	4	3	5	1
GOT LOWER SCORE ON EFFICIENCY OR PERFORMANCE REPORT	3	3	3	5	1
RECEIVED JUDICIAL OR ARTICLE 15 PUNISHMENT	4	5	4	5	2
ARRESTED FOR DRIVING AFTER USING DRUGS	1	2	1	2	1
ARRESTED FOR NON-DRIVING DRUG INCIDENT	4	4	4	6	2
INCARCERATED DUE TO DRUG USE	2	1	2	3	1
HURT IN ACCIDENT CONNECTED WITH DRUG USE	2	2	2	2	+
DRUG USE CAUSED ACCIDENT WHERE OTHERS HURT OR PROPERTY DAMAGED	1	1	2	2	1
SPOUSE THREATENED TO LEAVE	2	2	2	2	1
HIT SPOUSE OR CHILDREN	1	1	1	1	+
SPOUSE LEFT	1	1	1	1	+
ENTERED REHABILITATION OR TREATMENT PROGRAM	2	2	1	2	2
ATTENDED TRAINING OR EDUCATION PROGRAM	2	3	1	3	1
DETOXIFIED	1	1	1.	1	+
TOTAL WITH ANY CONSEQUENCES <sup>a</sup>	10	11	13	15	5

<sup>\*</sup>PERCENTAGE OF POPULATION REPORTING AT LEAST ONE OF THE CONSEQUENCES DURING THE PAST 12 MONTHS.

<sup>+</sup> LESS THAN ONE-HALF OF ONE PERCENT.

TABLE II-7

WORK IMPAIRMENT BECAUSE OF DRUG USE (PERCENTAGE OF E1-E5 POPULATION)

	TOTAL	İ	SE	RVICE	
TYPE OF IMPAIRMENT	DOD	ARMY	NAVY	MARINE CORPS	AIR FGRCE
LOWERED PE. FORMANCE	10	12	15	13	3
LATE FOR WORK/LEFT EARLY	6	8	8	8	2
DID NOT COME TO WORK	4	6	4	5	1
HIGH WHILE WORKING	19	21	26	25	8
TOTAL WITH ANY IMPAIRMENT	2 3.	22	28	28	9

# Alcohol Use

# Prevalence of Alcohol Use

The percentage of the population that drank any alcohol during the past 30 days is depicted in Table II-8. The principal point derived from these data is that most military personnel (83 percent) drank at least occasionally. In general, the highest prevalence of drinking any alcohol was recorded by senior officers, followed by junior officers and junior enlisted personnel, senior enlisted personnel and warrant officers.

For all respondents worldwide, beer was the most commonly consumed beverage; it was drunk by 73 percent of all military personnel at least once within the past 30 days,

TABLE II-8

POPULATION USING ALCOHOL DURING PAST 30 DAYS
(PERCENTAGE)

			SE	RVICE	
PAY GRADE GROUP	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE
TOTAL WORLDWIDE	83	80	86	86	82
E1-E5	83	81	88	86	82
E6-E9	77	75	78	83	78
W1-W4	76	76	80	-	*
01-03	83	80	88	91	82
04-06	91	92	94	84	90
	<u> </u>	<u> </u>			

- LESS THAN 30 RESPONDENTS.
- \* NOT APPLICABLE.

and by about one-fourth (26 percent) at least three times a week. Hard liquor (including mixed drinks) was consumed by about one-half of the respondents (51 percent) within the past 30 days, but only 8 percent drank hard liquor as often as three times a week. Wine was the least frequently consumed beverage. Only 35 percent of the military personnel had drunk any wine during the past 30 days, and only 4 percent had done so as often as three times a week.

# Heavy Drinking

Two types of heavy drinking are defined for the purpose of this analysis: (1) consumption of eight or more drinks on a typical drinking day during the past 30 days and (2) consumption of eight or more drinks in a single day at least

once a week during the past 12 months. With respect to the first definition, Table II-9 shows that beer was the beverage that was heavily consumed by the most respondents.

TABLE II-9

QUANTITY CONSUMED ON A TYPICAL DRINKING DAY
DURING PAST 30 DAYS--WORLDWIDE TOTAL

(PERCENTAGE OF POPULATION)

			S	ERVICE	
BEVERAGE/ FREQUENCY	TCTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE
BEER					· · · · · · · · · · · · · · · · · · ·
8-11 DRINKS 12 OR MORE DRINKS	5 3	5 3	7 5	7 <b>4</b>	3 1
WINE					İ
8-11 DRINKS	+	+	+	+	+
12 OR MORE DRINKS	1	1	1	1	1
HARD LIQUOR					
8-11 DRINKS	4	3	5 3	6	2
12 OR MORE DRINKS	2	2	3	2	1

<sup>+</sup> LESS THAN HALF OF ONE PERCENT.

On a typical day in which beer was consumed, 8 percent drank eight or more drinks. Heavy drinking of wine was rarely reported, but heavy drinking of hard liquor was reported nearly as often as heavy drinking of beer; 6 percent of all respondents reported consuming eight or more drinks of hard liquor on a typical drinking day during the past 30 days. Heavy drinking was reported almost exclusively by enlisted personnel. Twelve percent of E1-E5's and 4 percent of E6-E9's

<sup>&</sup>lt;sup>1</sup>A drink is defined as one 12 ounce can, bottle, or glass of beer; one four ounce glass of wine; or one drink of hard liquor.

worldwide reported heavy drinking of beer; only 1 percent of each enlisted group reported heavy drinking of wine. The comparable figures for hard liquor were: E1-E5's, 8 percent; E6-E9's, 3 percent. Only about 1 percent or less of each officer or warrant officer group worldwide reported heavy drinking of any beverage.

The preceding discussion was concerned with typical drinking during the past 30 days. Now we focus on the frequency that a person engages in heavy drinking during the past 12 months. Table II-10 shows that 21 percent of all respondents reported they had engaged in heavy drinking of beer at least once a week during the past 12 months; the comparable figures for wine and hard liquor were about 5 percent and 11 percent, respectively.

TABLE II-10

HEAVY DRINKERS 1--WORLDWIDE TOTAL
(PERCENTAGE OF POPULATION)

			<del></del>	SERVICE	<del></del>
BEVERAGE	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE
BEER	21	22	25	28	13-14
WINE	5-6	8	5-6	7	3-4
HARD LIQUOR	11	12	14	13	7-8

<sup>&</sup>lt;sup>1</sup>DEFINED AS A PERSON WHO DRANK EIGHT OR MORE CANS, GLASSES, OR DRINKS IN A SINGLE DAY AT LEAST ONCE A WEEK DURING THE PAST 12 MONTHS.

The worldwide patterns of heavy drinking by pay grade group are as described previously for typical drinking, but the rates are higher. Heavy drinking was rarely reported by officers or warrant officers. Twenty-eight percent of E1-E5's and about 10 percent of E6-E9's reported heavy drinking of beer; the comparable figures for wine were 8 percent and about 1 percent for E1-E5's and E6-E9's respectively. Fourteen percent of the E1-E5's and about 5 percent of E6-E9's reported heavy drinking of hard liquor.

#### Adverse Physiological Effects

There is compelling evidence that a person consuming a daily average of five ounces of ethanol during a year is at high risk of developing severe medical problems (e.g., cirrhotic or precirrhotic conditions; see Chapter IV). Based on this threshold of presumptive harm, 7.9 percent of all DOD respondents are at high risk. Table II-11 depicts the data by Service and pay grade group.

TABLE II-11

POPULATION AT HIGH RISK FOR SEVERE MEDICAL PROBLEMS
(PERCENTAGE)

			S	ERVICE	
PAY GRADE GROUP	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE
TOTAL E1-E5 E6-E9 W1-W4 O1-O3 O4-O6	7.9 10.9 3.1 0.2 0.7 0.6	9.2 12.2 4.9 0 1.5	9.9 13.9 2.7 1.0 0.1	10.1 12.9 2.6 - 0.9 2.4	3.6 5.3 1.3 * 0.4 1.0

<sup>-</sup> LESS THAN 30 RESPONDENTS.

<sup>\*</sup> NOT APPLICABLE.

#### Alcohol Dependence

It is estimated that 7 percent of military personnel worldwide were alcohol dependent during the preceding 12 months (Table II-12). "Alcohol dependence" is defined in Chapter III of this report. Alcohol dependency occurred predominately among junior enlisted personnel (10 percent) and senior enlisted personnel (3 percent); it was rare among warrant officers and commissioned officers.

The patterns shown are quite consistent with the heavy drinking patterns discussed previously. This is to be expected because of the substantial correlation between heavy drinking and alcohol dependency.

TABLE II-12

ALCOHOL DEPENDENCE DURING PAST 12 MONTHS
(PERCENTAGE OF POPULATION)

			ERVICE		
PAY GRADE GROUP	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE
TOTAL E1-E5 E6-E9 W1-W4 O1-O3 O4-O6	7 10 3 + 1 +	8 11 3 0 1	9 12 5 0 +	11 14 4 - 5	4 5 2 * + 1

<sup>+</sup> LESS THAN HALF OF ONE PERCENT.

# Consequences of Alcohol Use

The respondents were asked to indicate whether each of two consequences of alcohol use had occurred during the past

<sup>\*</sup> NOT APPLICABLE.

<sup>-</sup> LESS THAN 30 RESPONDENTS.

12 months. Table II-13 shows that 23 percent of all respondents reported suffering at least one of the consequences.

TABLE II-13

# SELECTED CONSEQUENCES OF ALCOHOL USE DURING PAST 12 MONTHS

# (PERCENTAGE OF POPULATION)

			SERVICE				
CONSEQUENCE/ PAY GRADE	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE		
BECAME DRUNK WITH- OUT PLANNING TO	20	16	25	23	18		
DRUNK MORE THAN ONE DAY AT A TIME	11	10	16	16	6		
TOTAL WITH EITHER CONSEQUENCE	23	19	31	29	20		

Junior enlisted personnel were the most likely to suffer at least one consequence, followed in turn by senior enlisted personnel, junior officers, senior officers, and warrant officers.

The respondents were also asked to indicate whether each of 15 physical, social, or work consequences had occurred because of their alcohol use during the past 12 months.

Eleven percent reported suffering at least one of the 15 consequences during that period (Table II-14).

Among those who reported any of the 17 consequences coccurring, they had occurred a median of 3 times. Detailed data by pay grade group are in Chapter IV.

 $<sup>^{\</sup>mathbf{1}}$ This analysis combines the two groups of consequences.

TABLE II-14

CONSEQUENCES OF ALCOHOL USE DURING PAST 12 MONTHS--TOTAL DOD (PERCENTAGE OF POPULATION)

	TOTAL		SER	SERVICE	
CONSEQUENCE	000	ARMY	NAV	MARINE CORPS	AIR FORCE
ILLINESS KEPT FROM DUTY					
DID NCT GET PROMOTED	01 CV	n n	~ ~	0.6	
LOWER SCORE ON E		1 (			•
RECEIVED JUDICIAL OR	7	7	m	4	-
ARTICLE 15 PUNISHMENT	8	n	7	m	-
AKKES IEU FOK UKIVING AFTER DRINKING	ო	n	ღ	n.	7
ARRESTED FOR NON DRIVING		ı			ı
S	7	ო	ო	4	-
INCARCERATED DUE TO DRINKING	က	7	4	es.	-
CONNECTED WITH DRINKING	7	7	4	4	-
DRINKING CAUSED ACCIDENT					
PROPERTY DAMAGED	2	6	۳	۳.	. •
SPOUSE THREATENED TO LEAVE	8	6	. 64	i	-
R CHILDREN	-	-	-	8	-
	-	-	•	-	•
ENIERED REHABILITATION	·	·	,	c	•
ATTENCED TRAINING	•	•	•	•	-
UR EDUCATION PROGRAM	7	8	7	9	-
DETOXIFIED	-	-	-	-	•
TOTAL WITH ANY CONSEQUENCE 1/	=	=	4	17	y

1/ PERCENTAGE OF POPULATION WITH AT LEAST ONE OF THE CONSEQUENCES DURING THE PAST 12 MONTHS.

+ LESS THAN HALF OF ONE PERCENT.

# Work Impairment

The percentage of the population reporting work impairment because of their alcohol use during the preceding 12 months is shown in Table II-15. "Lowered performance" was the type of work impairment most frequently reported; it was reported by 22 percent of all respondents and by 26 percent of the E1-E5's and this occurred a median of two to three times. The patterns of impairment by pay grade group are in the following rank order by percentage suffering impairment: E1-E5's, E6-E9's, O1-O3's, O4-O6's, and W1-W4's.

TABLE II-15 WORK IMPAIRMENT BECAUSE OF ALCOHOL USE DURING PAST 12 MONTHS (PERCENTAGE OF POPULATION)

			SE	RVICE	
IMPAIRMENT/ PAY GRADE	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE
LOWERED PERFORMANCE TOTAL E1-E5 E6-E9 W1-W4 O1-O3	22 26 17 9	19 23 13 4 12	30 34 22 12 28	29 32 22 -	17 19 14 *
O4-O6  LATE FOR WORK OR  LEFT EARLY  TOTAL E1-E5 E6-E9 W1-W4 O1-O3 O4-O6	13 16 9 2 7 4	13 15 9 2 8	17 21 10 0 9 7	14 16 17 15 - 5 8	14 10 12 7 * 5
DID NOT COME TO WORK TOTAL E1-E5 E6-E9 W1-W4 O1-O3 O4-O6	5 6 2 1 0	6 8 2 1 0 0	5 7 3 0 0	5 6 3 - 2 0	2 2 2 * 0 2
DRUNK/HIGH WHILE WORKING TOTAL E1-E5 E6-E9 W1-W4 O1-O3 O4-O6	11 15 5 1 3	11 16 4 1 2	16 21 7 0 6 7	15 19 7 - 1	6 7 3 * 2 3
TOTAL WITH ANY IMPAIRMENT TOTAL E1-E5 E6-E9 W1-W4 O1-O3 O4-O6	27 31 19 9 17 12	24 29 16 4 15	35 40 25 12 29 14	34 38 25 - 21 15	20 24 16 * 12 15

<sup>-</sup> LESS THAN 30 RESPONDENTS.

<sup>\*</sup> NOT APPLICABLE. + LESS THAN HALF OF ONE PERCENT.

# Comparison of Drug and Alcohol Prevalence Among Military and Civilian Populations

This analysis is restricted to the subpopulations at highest risk for nonmedical drug use in both military and civilian populations: persons 18 through 25 years of age. The data have been standardized with respect to the variables that are most closely correlated with nonmedical drug use: sex, age, marital status, and education. Standardization with respect to these variables serves to provide prevalence rates that are not biased by the differences in occurrence of these characteristics in the two populations. The specific procedures employed to standardize the data are described in Appendix I. The limitations in this analysis are described in Chapter V.

Table II-16 shows the prevalence of nonmedical drug use among military personnel and comparable civilians, ages 18 through 25. Prevalence of current nonmedical drug use for military personnel is slightly lower or equal to civilian use for all drug types analyzed, with the exception of amphetamines or other uppers. Prevalence of annual use is lower for military personnel than civilians with respect to four drug types and higher than civilians for three drug types. There is, thus, no general pattern of nonmedical drug use being more prevalent for military personnel than civilians.

Regarding alcohol use, slightly higher proportions of military personnel than civilians drank at all during the past 30 days and the past year.

TABLE II-16

# PREVALENCE OF NONMEDICAL DRUG USE AND ALCOHOL USE AMONG MILITARY PERSONNEL AND COMPARABLE CIVILIANS--AGES 18-25 (PERCENTAGE OF 18-25 YEAR OLD POPULATION)

TYPE	MILITARY (n= 8224)	COMPARABLE 1 CIVILIANS (n= 2022)
MARIJUANA/HASHISH		
PAST 30 DAYS	40	42
PAST 12 MONTHS	52	54
AMPHETAMINES OR OTHER UPPERS		
PAST 30 DAYS	10	4
PAST 12 MONTHS	21	12
COCAINE		
PAST 30 DAYS	7	10
PAST 12 MONTHS	18	23
<b>HALLUCINOGENS</b>		
PAST 30 DAYS	5	5
PAST 12 MONTHS	13	12
BARBITURATES OR OTHER DOWNERS		
PAST 30 DAYS	4	4
PAST 12 MONTHS	9	10
TRANQUILIZERS		
PAST 30 DAYS	3	3
PAST 12 MONTHS	9	12
HEROIN		
PAST 30 DAYS	1	1
PAST 12 MONTHS	3	1
ALCOHOL		
PAST 30 DAYS	84	82
PAST 12 MONTHS	93	90

DATA STANDARDIZED WITH RESPECT TO SEX, AGE, MARITAL STATUS, AND EDUCATION. BASED ON SPECIAL TABULATIONS FROM THE 1979 NATIONAL SURVEY ON DRUG ABUSE.

#### III. NONMEDICAL DRUG USE

# Prevalence of Drug Use

The military personnel responding were asked to indicate whether or not they had used one or more of nine different types of drugs nonmedically during the past 30 days and within the past 12 months. The results (i.e., percentage reporting use of a drug) are reported as prevalence rates for various respondent groups and for each of the two time frames. Use of a drug in the past 30 days is referred to as current use; annual use denotes usage within the past 12 months. Frequency of current use is also reported.

# Marijuana or Hashish

#### Current Use

Prevalence rates for marijuana or hashish use within the past 30 days appear in Table III-1 for all Services worldwide and for the different regions and pay grade groups.

# Current Use - Worldwide

Twenty-six percent of the military personnel worldwide reported current use of marijuana or hashish. Worldwide rates by pay grade groups varied. The E1-E5 personnel reported the highest current use (37 percent). Only 4 percent

<sup>1</sup> Reported usage may entail either or both of these drugs.

TABLE III-1
POPULATION USING MARIJUANA/HASHISH
DURING PAST 30 DAYS
(PERCEN: AGE)

			SER	SERVICE	
GEOGRAPHICAL REGION/PAY GRADE	TOTAL	ARMY	NAV.	MARINE	AIR FORCE
CONUS					
TOTAL	27	29	34	39	14
E 1 - F.3.	39	4	48	51	21
E6-E9	S.	9	9	S	6
01-03	ო	r.	7	9	7
04-06	-	0	0	0	-
EUROPE					
TOTAL	23	28	8	•	13
E1-E3	33	39	27	•	20
E6-E9.	7	<sub>С</sub>	e	•	-
01-03	e	9	0	•	0
04-06	0	1	0	•	0
PACIFIC					
TOTAL	21	20	24	28	<u>.</u>
E1-E5	32	96	42	36	19
E6-E9	4	က	NO.	ro.	က
01-03	4	មា	9	'	4
04-06	7	0	1	ı	4
OTHER LOCATIONS					
TOTAL	22	29	21		13
E1-E5	32	38	33	•	19
E6-E9	4	80	ღ	•	0
01-03	4	,	1	•	1
04-06	0	,	1	•	ì
TOTAL WORLDWIDE					
TOTAL	56	28	32	36	14
E1-E5	37	04	47	47	20
E6-E9	4	r.	9	S.	7
W1-W4	6	'n	0	,	•
01-03	e	'n	8	ū	7
04-06	-	c	•	,	•

- LESS THAN 30 RESPONDENTS. \* NOT APPLICABLE.

NOTE: REGIONAL TOTALS INCLUDE W1-W4'S.

of the E6-E9 pay grade group, 3 percent of the O1-O3 group and 1 percent of the O4-O6 group, worldwide, indicated they had used marijuana or hashish within the past 30 days.

Current Use - Regional and Sub-Regional

Rates of current use were higher in CONUS (27 percent) than in the overseas locations (Europe, 23 percent; Pacific, 21 percent; Other Locations, 22 percent). Sub-regional prevalence rates for 30 day marijuana or hashish use among the E1-E5 pay grade group are shown in Table III-2. (Sub-regional figures are merely further breakdowns of data presented previously.)

Among the E1-E5 personnel in Europe, those in Germany reported the highest current use of marijuana or hashish (36 percent). In the Pacific, the rate of current use among all E1-E5's was the highest in Hawaii (44 percent).

# Annual Use

Prevalence rates for marijuana or hashish use during the past 12 months are shown in Table III-3 for all military personnel; corresponding figures for the El-E5 pay grade group appear in Table III-4.

# Annual Use - Worldwide

Rates of annual use worldwide were higher than the rates of current use of marijuana or hashish, as would be expected given the expanded time frame. Patterns of use, however, were similar in both time periods.

Worldwide, 35 percent of all military personnel reported

POPULATION OF E1-E5'S USING MARIJUANA/HASHISH DURING PAST 30 DAYS (PERCENTAGE) TABLE III-2

			SER	SERVICE	
GEOGRAPHICAL REGION	T0TAL 000	ARMY	NAVY	MARINE	AIR FORCE
CONUS					
TOTAL	39	4	48	51	21
EAST		4	47	51	22
WEST	37	40	54	5.	19
EUROPE	_				
TOTAL	33	39	27	•	20
GERMANY	36	39	•	•	21
ITALY	24	•	24	•	•
ENGLAND	<b>8</b> 2	*	1	•	18
SPAIN	23	•	33	•	19
PACIFIC					
TOTAL	32	36	42	36	19
HAWAII	44	48	51	44	11
UAPAN	25	19	31	32	15
KOREA	58	35	•	•	2.1
PHILIPPINES	 28	•	33	•	25
GUAM		•	4	•	•
DITHER LOCATIONS				_	
TOTAL	32	38	33	•	61
PANAMA CANAL	33	33	•	•	•
ALASKA	31	43	*	•	19
	33	•	33	•	•
TOTAL WORLDWIDE	37	40	47	47	20

- LESS THAN 30 RESPONDENTS. \* NOT APPLICABLE.

TABLE III-3

 		AIR FORCE	21	31	9	۲,	~	24	36	-	7	0	:	25	m m	n u	۽ ه	?	21	29	4	,	1		22	32	ស	•	<b>9</b>	2
	SERVICE	MARINE	84	62	9	= '	0	*	*	*	*	*	,	2 1 2	22				•	•	•	*	•		47	09	<b>o</b>	ı	<b>60</b>	~
NONA/HASHISH Months )	SER	NA V 🗡	44	09	12	∞ ·	-	27	40	Ø	ß	0		35	4.0	n (	0 1		31	48	7	,	,		42	58	=	0	<b>6</b> 0	-
POPULATION USING MARIJUANA/HASHISH DURING PAST 12 MONTHS (PERCENTAGE)		ARMY	37	51	-	-	<del>-</del>	38	53	S.	27	,	į	29	4 9 r	~ Ç	50	,	4	49	6	ı	,		37	52	Ø i	n,	<del>-</del>	-
ATION USIN		T0TAL 000	36	50	<b>Q</b>	80 -	_	34	47	4	80	0		32	, t	~ ر	p m	•	32	44	9	17	0		32	94	o ·	m ·	œ ·	-
Indod		GEOGRAPHICAL REGION/PAY GRADE	CONUS	E1-E5	E6-E9.	01-03	EUROPE	TOTAL	E1-E5	E6-E9	01-03	04-06	PACIFIC	10.AL	E - E - E - E - E - E - E - E - E - E -		04-06	CAT	TOTAL	E1-E5	E6-E9	01-03	04-06	TOTAL WORLDWIDE	TOTAL	E1-E5.	E6-E9	W1-W4	01-03	

- LESS THAN 30 RESPONDENTS. + NOT APPLICABLE.

NOTE: REGIONAL TOTALS INCLUDE W1-W4'S.

POPULATION OF E1-E5'S USING MARIJUANA/HASHISH DURING PAST 12 MONTHS (PERCENTAGE) TABLE III-4

			SER	SERVICE	
GEOGRAPHICAL REGION	T0TAL D0D	ARMY	> AN	MARINE	AIR FORCE
CONUS					
TOTAL	20	51	9	62	31
EAST	51	52	28	61	32
WEST	48	51	64	62	31
EUROPE			_		
TOTAL	47	53	40	•	36
GERMANY	50	53	*	•	37
ITALY	38	•	38	•	•
ENGL AND.	38	•	1		39
SPAIN	34	*	43	*	30
PACIFIC					1
TOTAL	47	49	54	55	33
HAWAII	57	9	63	58	31
CAPAN	43	32	45	54	28
KOREA	45	49	•	•	41
PHIL IPPINES	38	•	48	•	31
GUAM	52	•	52	•	•
OTHER LOCATIONS					
TOTAL	44	49	48	•	29
PANAMA CANAL	4	44	*	•	•
ALASKA	4	54	•	•	29
GUANTANAMO BAY	48	•	48	•	•
TOTAL WORLDWIDE	49	, F	, a	<b>.</b>	, ,
	?	<b>*</b>	8	3	7

- LESS THAN 30 RESPUNDENTS. \* NOT APPLICABLE.

use of marijuana or hashish within the past 12 months. Only 9 percent of the E6-E9 pay grade group, 8 percent of 01-03's, and 1 percent of 04-06's, worldwide, indicated they had used marijuana or hashish within the past 12 months.

#### Annual Use - Regional and Sub-Regional

The annual prevalence rate for the military personnel stationed in CONUS was higher (36 percent) than rates for personnel in overseas locations (Europe, 34 percent; Pacific, 32 percent; Other Locations, 32 percent).

The annual prevalence rates for use of marijuana or hashish among the E1-E5 enlisted personnel (Table III-4) were highest in the CONUS sub-regions. Fifty-one percent of the E1-E5 military personnel in CONUS-East reported using marijuana or hashish in the past 12 months compared to 48 percent of those in CONUS-West.

In Europe, El-E5 respondents in Germany reported the highest annual use of marijuana or hashish (50 percent). Corresponding figures for El-E5 personnel in the Pacific indicated that the annual usage was highest in Hawaii (57 percent).

#### Frequency of Current Use

The frequency of marijuana or hashish use within the past 30 days by Service and geographical region appears in Table III-5.

Worldwide, 19 percent of the military personnel reported they had used marijuana or hashish weekly or more frequently than weekly during the past 30 days.

TABLE III-5

FREQUENCY OF MARIJUANA/HASHISH USE DURING PAST 30 DAYS -- TOTAL DOD (PERCENTAGE OF POPULATION)\*\*

CONUS  CO				: ;		
AL DAY A WEEK	REGION/ FREQUENCY	T0TAL D0D	ARMY	VAV	MARINE	AIR
ALL DAYS A WEEK B 5 5 6 6 9 9 100 100 100 100 100 100 100 100 100	CONUS					
AT ALL DAYS A WEEK TO TO TO TO TO TO TO TO TO TO TO TO TO		8,	Š,	<u>ه</u> '	8,	<u>8</u>
DAYS A WEEK	AYS A WEEK	e va	o ir	<b>0</b> «	7) h	7 6
DAYS A WEEK. 7 7 7 65 61  S THAN ONCE A WEEK. 7 7 7 65 61  AT ALL. 9 9 61  AT ALL. 9 9 61  AT ALL. 9 9 61  AT ALL. 9 9 61  AT ALL. 9 9 61  AT ALL. 9 9 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	DAYS A WEEK	, KO	n so	9	o	
AT ALL  AT ALL	DAYS A WEEK	4	9	4	y)	7
AT ALL  AT ALL	THAN ONCE A	1	^	**	<b>6</b> 0	4
ALL TOO TOO TOO TOO TOO TOO TOO TOO TOO T	A T	72	0,	62	-9	98
3 V DAYS A WEEK	EUROPE	•	1			
DAYS A WEEK		§'	<u>8</u> .	<u>\$</u>		8,
DAYS A WEEK  DAYS A WEEK  TO D	DAY.	n •	4 F	7	•	7 0
THAN ONCE A WEEK	DAYS A MEER	<b>3</b> W	n	4		7 (
AT ALL STANDONE A WEEK 7 7 8 7 7 1 8 7 7 1 8 7 7 1 8 7 7 1 8 7 7 1 8 7 7 1 8 7 7 1 8 7 7 1 8 7 7 1 8 7 7 1 8 7 7 1 8 7 7 1 8 7 7 1 8 7 7 1 8 7 7 1 8 7 7 1 8 7 7 1 7 7 1 7 7 1 7 7 1 7 7 1 8 8 7 7 7 7	DAYS A MEER.	n •	٠ ،	4 (		N (
AT ALL.  AT	THAN DROF A SE	4 1	ه ه	N 1	. ,	7 1
TO TO TO TO TO TO TO TO TO TO TO TO TO T	T ALL	- 4		` {		n
AL. NO NOTE A WEEK. 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ACTETO	2	:	7	,	98
AY DAY A WEEK A A A B B B B B B B B B B B B B B B B	TOTAL	Ç	5	Ş	Ş	5
DAYS A WEEK 4 4 4 5 5 5 7 4 4 5 5 7 4 4 5 5 7 4 4 5 5 7 4 7 5 7 7 7 7	DAY	4	, m	) (1)	er:	} -
DAYS A WEEK	DAYS A WEEK.	4	4	9	4	7
DAYS A WEEK	DAYS A WEEK.	4	4	ın	'n	n
AT ALL.  S. THAN ONCE A WEEK.  AT ALL.  AT ALL.  T. AT	DAYS A WEEK	4	4	4	'n	6
AT ALL  100 100 100 100 100 100 100 100 100 10	S THAN ONCE A	9	īĐ	ın	^	S
LUCATIONS  100  100  100  100  100  100  100  1		79	79	92	74	98
AY DAYS A WEEK B 5 10 3 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10						
AY DAYS A WEEK 5 10 3 DAYS A WEEK 4 4 3 5 DAYS A WEEK 4 4 3 5 DAYS A WEEK 5 5 7 7 9 AT TAIN ONCE A WEEK 5 5 7 7 70 100 100 100 100 100 100 100 100		<u>\$</u>	8	8	•	8
DAYS A WEEK	Y DAY	ומו	0	m	•	-
DAYS A WEEK 4 6 5 7 7 8 8 8 8 AT ALL 74 100 100 100 100 100 100 100 100 100 10	DAYS A WEEK	n ·	٠ '	e	•	4
AT ALL.  AT ALL.  AT ALL.  WORLOWIDE  WORLOWIDE  TOO 100 100 100 100 100 100 100 100 100 1	DAYS A WEEK.	4	י כי	n o	•	י פ
AT ALL WORLDWIDE 100 100 100 100 100 100 100 100 100 10	THAN DAIDS A MEEK	47 H	D II	, n	•	~ •
WORLDWIDE 100 100 100 100 100 100 100 100 100 10	TAN CINCE A	יי ה		` ;		7 :
100 100 100 100 100 100 100 100 100 100	WORL DATE		?	2		ò
24 DAYS A WEEK 5 6 6 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		5	Ş	Ş	٤	Ş
DAYS A WEEK. 5 5 7 7 7 7 1 8 8 8 9 9 7 7 7 7 7 7 9 8 8 9 9 9 9 9 9	DAY	, un	9	2.		?
DAYS A WEEK. 5 6 6 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	NYS A WEEK	, RO	· Kn	_	. ~	n
DAYS A WEEK. 7 7 8 8 8  THAN ONCE A WEEK. 7 7 6 8 8  AT ALL	-4 DAYS A WEEK	5	y	و	80	9
S THAN ONCE A WEEK. 7 7 8 8 8 AT ALL 74 71 67 64	DAYS A WEEK	4	g	4	9	8
AT ALL 74 71 67 64	S THAN ONCE A WE	7	1	<b>6</b> 0	•	4
	ΑT	74	7.	67	64	98

\* NOT APPLICABLE. \*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

NOTE FIGURES INCLUDE W1-W4'S

Weekly or more frequent use of marijuana or hashish was slightly more prevalent among respondents in CONUS (20 percent) than among those in overseas locations (Europe, 16 percent; Pacific, 16 percent; Other Locations, 18 percent). Figures on frequency of use by pay grade group and geographical region appear in Tables III-6 to III-9; caution should be applied when interpreting the rates shown for the officer groups because of the small number of respondents.

#### PCP Use

#### Current Use

Prevalence rates for PCP use within the past 30 days are shown in Table III-10 for each Service and by geographical region and pay grade group.

#### Current Use - Worldwide

Worldwide, 1 percent of the military personnel reported having used PCP within the past 30 days. The rates in the various pay grade group were: E1-E5, 1 percent; E6-E9, <0.5 percent; officer groups, 0 percent.

# Current Use - Regional and Sub-Regional

Current use rates for all DOD personnel were minor; rates for each region were 1 percent or less.

Sub-regional rates among the E1-E5 pay grade groups (Table III-11) show that current use of PCP was most prevalent in CONUS-East (2 percent versus 1 percent or less in other sub-regions).

IABLE III-6
FREQUENCY OF MARIJUANA/HASHISH USE
DURING PAST 30 DAYS--REGION: CONUS
(PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
PAY GRADE/ FREQUENCY	T0TAL D0D	ARMY	NAVY	MARINE	AIR FORCE
E1-E5					
TOTAL.	9	8	\$	\$	<u>\$</u>
Y DAY	6	<b>o</b>	=	12	e
DAYS A	<b>60</b>	æ	<del>-</del>	9	4
DAYS A	<b>60</b>	60	თ	=	ស
DAYS A WEEK.	9	80	ø	80	ო
v	<u>ი</u>	6	Ξ	9	9
NOT AT ALL	09	57	51	49	79
63-93					
TOTAL	<u>8</u>	\$	8	8	\$
EVERY DAY	<u>-</u>	-	8	+	0
<	<b>*</b>	+	-	0	+
3-4 DAYS A WEEK	+	+	+	~	0
1-2 DAYS A WEEK	<b>-</b> -	-	-	+	-
LESS THAN ONCE A WEEK.	~	7	~	9	-
NOT AT ALL	95	95	94	95	97
01-03					
	8	8	8	8	\$
EVERY DAY	+	+	0	0	0
⋖	<u>*</u>	0	+	4	0
DAYS A	<u>-</u>	7	0	0	-
DAYS A WEEK	<u>*</u>	+	+	-	0
S		5	7	_	5
NOT AT ALL	97	92	86	94	86
04-06					
•	8	8	§	8	8
ZY DAY	<u> </u>	0	0	0	0
DAYS A	0	0	0	0	0
DAYS A	0	0	0	0	0
DAYS A WEEK.	0	0	0	0	0
LESS THAN ONCE A WEEK.	_	0	0	0	-
NOT AT ALL	66	8	8	8	66

+ LESS THAN HALF OF ONE PERCENT. \*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF MARIJUANA/HASHISH USE DURING PAST 30 DAYS--REGION: EUROPE (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
PAY GRADE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
E1-E5					
TOTAL	8	5	8	*	<u>\$</u>
EY DAY	S	ស	8	*	ო
⋖	9	٢	9	•	ღ
DAYS A	60	ത	9	•	4
DAYS A	9	<b>6</b> 0	6	*	ო
	9	9	0	•	<b>c</b> o
	99	09	73	•	80
E6-E9					
	\$	\$	8	•	8
2Y DAY	-	-	0	•	0
5-6 DAYS A WEEK	+	0	-	•	-
•	+	+	0	•	0
1-2 DAYS A WEEK	+	+	0	*	0
LESS THAN DNCE A WEEK.	-	-	5	•	+
NOT AT ALL	86	97	97	•	66
01-03					
TOTAL	8	8	8	•	8
•	0	0	0	•	0
5-6 DAYS A WEEK	+	0	<sub>-</sub>	*	0
_	7	၈	0	•	0
WEEK.	0	0	0	*	0
	8	က	0	•	0
•	96	94	97	•	\$
04-06					
	8	,	8	•	8
Y DAY	0		0		0
⋖	0		0	•	0
DAYS A	0		0	•	O
DAYS A WEEK.	0		0	•	0
H !	0		0	•	0
NOT AT ALL	8		8	•	<u>\$</u>

LESS THAN HALF OF ONE PERCENT. LESS THAN 30 RESPONDENTS. NOT APPLICABLE. PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

4 | # #

FREQUENCY OF MARIJUANA/HASHISH USE DURING PAST 30 DAYS--REGION: PACIFIC (PERCENTAGE OF POPULATION)\*\* TABLE III-8

PAY GRADE/			SER	SERVICE	
FREQUENCY	T0TAL 000	ARMY	NAV Y	MARINE	AIR FORCE
E1-E5					
TOTAL	8,	٥٠	8,	8'	8,
SEVERY DAY	ດ ແ	6 -	n Ç	٠ ،	74 F
DAYS	» <b>ဖ</b>	. ~	<u>&gt;</u> o	9	. 4
1-2 DAYS A WEEK	g	7	y.	^	၈
Ė	<b>8</b> 0 (	o ;	ຫ (	o (	۲.
FE-F9	80 9	64	28	99	180
TOTAL	00+	8	9	8	8
_	+	*	0	~	0
•	-	•	-	•	0
DAYS A	-	•	-	0	0
DAYS A WEEK	-	-	-	0	8
Ė į	-	5	-	-	0
•	96	97	95	92	<b>8</b> 0
101-03	ξ	5	5	ı	9
DAV	3 *	30	<u>3</u> °		3 -
5-6 DAYS A WEEK		, 7			0
DAYS A	-	-	-		~
1-2 DAYS A WEEK	-	-	ဇ		-
S	0	0	0		0
NOT AT ALL	96	92	94		96
04-06		-			
	8	8	•	,	8
RY DAY	0	0			0
DAYS A	•	0			7
DAYS A	-	0			0
DAYS A WEEK.	0	0			0
¥ į	-	0			7
NOT AT ALL	86	\$			96

+ LESS THAN HALF.OF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

FREQUENCY OF MARIJUANA/HASHISH USE DURING PAST 30 DAYS--REGION: OTHER LOCATIONS (PERCENTAGE OF POPULATION)\*\* TABLE III-9

			SER	SERVICE	
PAY GRADE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR
TOTAL	8	8	8	•	90
Y DAY	60	<del>1</del> 3	D.	*	7
•	80	9	9	•	ນດ
DAYS A	ın	e	_	•	4
DAYS A WEEK.	ъ	60	4		3
<u>+</u>	_	9	12	•	ស
NOT AT ALL	67	09	99		æ
E6-E9					
TOTAL	8	8	8	•	8
Y DAY	0	0	0	•	0
DAYS A	0	0	0	•	0
⋖	-	e	0	•	0
DAYS A	~	4	-	•	0
LESS THAN ONCE A WEEK	~	ო	-	•	0
	92	68	97	٠	8
01-03					
TOTAL	8	,	,	*	1
EVERY DAY	0			•	
•	0			•	
DAYS A	4			•	
	0			•	
<b>±</b>	0			•	
NOT AT ALL	96			*	
04-06					
T0TAL	8	,	ı	•	,
Y DAY	0		_	•	
DAYS A	0			٠	
DAYS A	0			•	
DAYS A WEEK.	0			•	
Ξ.	0			•	
NOT AT ALL	8			•	

. . .

LESS THAN 30 RESPONDENTS. NOT APPLICABLE. PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

POPULATION USING PCP DURING PAST 30 DAYS (PERCENTAGE) TABLE III-10

GEOGRAPHICAL REGION/PAY GRADE CONUS TOTAL FG-F9	TOTAL				
CONUS FOTAL FG-F9	000	ARMY	X X X	MARINE	AIR FORCE
101AL E1-E5 FR-F9					
	-	-	_	3	٠
64-83	7	3	8	4	+
	+	+	•	0	0
01-03	0	0	0	0	0
04-06	0	0	0	0	0
EUROPE					
TOTAL	-	-	+	•	+
E1-E5.	-	_	+	•	•
E6-E9.	0	0	0	•	0
01,403	0	0	0	•	0
04-06	0	'	0	•	0
PACIFIC					
T0TAL	-	-	-	-	0
E1-E5	-	-	-	2	0
E6-E9	0	0	0	0	0
01-03	0	0	0		0
04-06	0	0	,	,	0
OTHER LOCATIONS					
TOTAL	+	+	0	•	ò
E1-E5	0	0	0	•	0
E6-E9	+	-	0	•	0
01-03	0	,	•	•	,
04-06	0	,	ı	•	1
TOTAL WORLDWIDE					
TOTAL	-	-	-	C	•
E1-E5	-	7	2	4	+
E6-E9	+	+	+	0	0
W1-W4	0	0	0	ı	•
01-03	0	0	0	0	0
04-06	0	0	0	0	0

LESS THAN HALF OF ONE PERCENT LESS THAN 30 RESPONDENTS. NOT APPLICABLE.

NOTE: REGIONAL TOTALS INCLUDE W1-W4'S.

POPULATION OF E1-E5'S USING PCP DURING PAST 30 DAYS (PERCENTAGE) TABLE III-11

REGION	101AL 0000 22 11	ARM Y	A	MARCORPS CORPS ACCAR SACCA ACCAR ACC	AIR FORCE
CONUS CONUS EAST WEST UREST TOTAL GERMANY ITALY ENGLAND	00+	00+ +	naa + + +	404 ***	+-+ +-
TOTAL. EAST WEST EUROPE GERMANY ITALY ENGLAND	NN+ -++	00+ +	nnn +•+	বিশ্ব ♦ ♦ ♦	· · · · · ·
EAST WEST EUROPE GERMANY ITALY ENGLAND	n+	~ - ~	00 + + +	ru 4 + + +	
EUROPE CUTAL GERMANY 17ALY ENGLAND	+		0 + * +	4	
EUROPE TOTAL GERMANY ITALY ENGLAND	+	-	+ + +	• • •	+ = •
TOTAL GERMANY ITALY ENGLAND	+	-	+ • •	* * *	+ - •
GERMANY ITALY ENGLAND	- +		• •	• •	
ITALY	+	-	+	•	
ENGLAND	_	*			,
	0	•	•	•	0
SPAIN	0		0	•	0
PACIFIC					
TOTAL	-	-	-	2	0
HAWAII	-	•	7	2	0
JAPAN	-	0	-	-	0
KOREA	-	7	•	•	0
PHILIPPINES	0	*	0	٠	0
GUAM	0	•	0	•	•
OTHER LOCATIONS	_				
TOTAL	0	0	0	•	0
PANAMA CANAL	0	0	•	•	٠
ALASKA	0	0	•	•	0
GUANTANAMO BAY	0	•	0	•	•
TOTA: WORLDWIDE		·	ŗ	4	•

- LESS THAN 30 RESPONDENTS. + LESS THAN HALF OF ONE PERCENT. \* NOT APPLICABLE.

# Annual Use

Prevalence rates for PCP use within the past 12 months are presented in Tables III-12 and III-13.

#### Annual Use - Worldwide

Annual rates for use of PCP worldwide exceeded those for current use, but patterns of usage remained similar among the pay grade groups and regions.

Worldwide, 4 percent of the military personnel reported use of PCP during the past 12 months. Less than one-half of 1 percent of the E6-E9 groups and the officer groups, worldwide, indicated they had used PCP within the past 12 months.

#### Annual Use - Regional and Sub-Regional

Annual use rates for PCP were slightly higher for DOD personnel in CONUS (4 percent) than for those in overseas locations (Europe and the Pacific, each 3 percent; Other Locations, 2 percent).

Sub-regional rates for the E1-E5 pay grade group (Table III-13) show that annual use of PCP was most prevalent in three sub-regions: CONUS-East (7 percent); CONUS-West (6 percent); and Pacific-Guam (6 percent).

# Frequency of Current Use

Less than 1 percent of the military personnel worldwide reported they had used PCP weekly or more often than weekly within the past 30 days (Table III-14). Similar figures appeared by pay grade groups and geographical regions (Tables III-15 through III-18).

POPULATION USING PCP DURING PAST 12 MONTHS (PERCENTAGE) TABLE III-12

			SER	SERVICE	
GEOGRAPHICAL REGION/PAY GRADE	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
CONUS					
TOTAL	4	4	ß	=	-
E1-E5	7	۷	60	ē	7
E6-E9	+	*	-	0	0
01-03	0	0	0	0	0
04-06	0	0	0	0	0
EUROPE					
T0TAL	၉	4	8	•	-
E1-E5	4	9	7	•	-
E6-E9	0	0	0	•	0
01-03	7	e	0	•	0
04-06	0	,	0	•	0
PACIFIC					
TOTAL	e	7	6	S	-
E1-E5	4	3	ß	7	-
E6-E9.	+	+	0	-	0
01-03	0	0	0	1	С
	0	0	1	1	0
OTHER LOCATIONS					
TOTAL	2	7	-	•	-
E1-E5	7	6	5	٠	-
E6-E9	+	-	0	٠	0
01-03	0	,	ı	•	,
04-06	0	1		•	
TOTAL WORLDWIDE					
TOTAL	4	4	ď	ō	-
E1-E5	9	9	7	13	-
E6-E9	*	+	+	+	0
W1-W4	0	0	0	1	•
01-03	+	-	0	0	0
04-06	0	0	0	0	0
			'		

+ LESS THAN HALF OF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
\* NOT APPLICABLE.

NOTE: REGIONAL TOTALS INCLUDE W1-W4'S.

POPULATION OF E1-E5'S USING PCP DURING PAST 12 MONTHS (PERCENTAGE) TABLE III-13

			SER	SERVICE	
GEOGRAPHICAL REGION	TOTAL	ARMY	NA V	MARINE	AIR
CONIC					
TOTAL	7	7	80	÷	7
EAST	_	7	60	15	8
WEST	•	7	60	15	-
EUROPE	•	,	,	•	•
TOTAL	<b>4</b> 1	، ه	N +	. ,	- ‹
GERMANY	<u>.</u>	٥	• (	•	7
ITALY	<u>ო</u>	•	8	•	•
ENGL AND	-	•	,	•	-
SPAIN	+	•	-	•	0
PACIFIC					
TOTAL	4	3	ഹ	_	-
HAWAII	ហ	4	ស	60	0
UAPAN	D.	-	9	7	7
KOREA	e	4	•	•	7
PHILIPPINES	+	•	-	•	0
GUAM	9	•	9	•	•
OTHER LOCATIONS					
TOTAL	7	6	7	•	-
PANAMA CANAL	-	-	•	•	•
ALASKA	<u>ه</u>	r.	•	•	-
GUANTANAMO BAY	7	٠	7	•	•
TOTAL WORLDWIDE	9	g	7	13	-

- LESS THAN 30 RESPONDENTS. + LESS THAN HALF OF ONE PERCENT. \* NOT APPLICABLE.

FREQUENCY OF PCP USE DURING PAST 30 DAYS--101AL DOD (PERCENTAGE OF POPULATION).. TABLE III-14

			SER	SERVICE	
REGION/ FREQUENCY	101AL 00D	ARMY	>> <b>V</b>	MARINE	A1R FORCE
CONUS					
TOTAL	8	8	8	8	8
DAY.	+	+	+	•	•
5-6 DAYS A WEEK	+	+	+	•	+
YS A	+	+	•	*	+
YS A WEEK	+	•	•	-	0
LESS THAN ONCE A WEEK.	-	-	-	5	+
AT ALL	66	66	66	96	901
EUROPE					
TOTAL	8	8	8		Š
÷	+	+	0	•	+
YS A	0	0	0	•	0
YS A WEEK	•	0	+	•	0
YS A WEEK.	+	-	+	•	0
LESS THAN ONCE A WEEK.	+	-	+	•	0
NOT AT ALL	66	66	8	•	8
PACIFIC					
TOTAL	8	8	8	ş	\$
	+	+	+	+	+
4 S >	+	+	+	+	0
DAYS A	+	+	0	•	0
×	4	+	+	*	0
· ·	+	+	•	-	•
NOT AT ALL	66	66	66	66	8
TOTAL LUCAL LUNS	9	3	Ş	•	
	3 9	3 °	3 9	•	3 °
S-6 DAYS A WEEK	. 0	0	0	٠	0
DAYS A WEEK	0	0	0	•	0
DAYS A WEEK	0	0	0	٠	٥
ONCE A W	+	+	٥		0
NOT AT ALL	8	8	8		8
TOTAL WORLDWIDE					
TOTAL	\$	8	8	8	8
Y DAY	+	+	•	•	•
⋖ .	•	+	٠	٠	•
DAYS	+	•	•	•	<b>+</b> 1
AYS A WEEK	•	+	•	- ,	0
Ξ,	- 1	+ ;	- ;	~	•
NOT AT ALL.	66	66	66	97	8
				_	

NOTE: FIGURES INCLUDE W1-W475.

<sup>+</sup> LESS THAN HALF DF ONE PERCENT.
• NOT APPLICABLE.
•• PERCENTS MAY NOT ADD TO 100 DUE TO RDUNDING.

TABLE III-15

\*

FREQUENCY OF PCP USE
DURING PAST 30 DAYS--REGION: CONUS
(PERCENTAGE OF POPULATION)\*\*

FRA STH STANDAY ON STH STANDAY ON STH STANDAY ON STH STANDAY ON STH STANDAY ON STH STANDAY ON STH STANDAY ON STH STANDAY ON STANDAY ON STH STANDAY ON STH STANDAY ON STH STANDAY ON STH STANDAY ON STH STANDAY ON STH STANDAY ON STH STANDAY ON STH STANDAY ON STANDAY ON STH STANDAY ON STAND				SER	SERVICE	
1-ES  TOTAL.  TOTO	PAY GRADE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
FUERY DAYS A WEEK + + + + + + + + + + + + + + + + + +	2 in - 1 in in in in in in in in in in in in in					
EVERY DAY.  5-6 DAYS A WEEK  + + + + + + + + + + + + + + + + + + +	10.	\$	8	8	8	\$
5-6 DAYS A WEEK + + + + + + + + + + + + + + + + + +	DAY	+	+	+	+	+
3-4 DAYS A WEEK + 1 + 1 + 1	DAYS A W	+	+	+	+	+
1-2 DAYS A WEEK. + + + 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DAYS A WEEK	+	-	+	+	+
LESS THAN DNCE A WEEK.	DAYS A WEEK	+	+	-	~	0
6-E9  NOT AT ALL  5-E9  100  100  100  100  100  100  100  1	S THAN DNCE A	-	-	-	က	+
6-E9 TOTAL  TOTAL  5-6 DAYS A WEEK  3-4 DAYS A WEEK  1-2 DAYS A WEEK  1-3 DAYS A WEEK  1-4 DAYS A WEEK  1-5 DAYS A WEEK  1-5 DAYS A WEEK  1-6 DAYS A WEEK  1-7	NOT AT	86	86	86	98	8
TOTAL.  TOTAL.	9					
EVERY DAY'S A WEEK + + 0 + + 0 + + 1-2 DAY'S A WEEK + + 0 + + 0 + + 0 + + 1-2 DAY'S A WEEK + + 0 + 0 + + 0 + + 0 + + 0 + 1-2 DAY'S A WEEK + + 0 + 0 + + 0 + 1-2 DAY'S A WEEK + + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0	TOTAL	\$	8	8	8	8
5-6 DAYS A WEEK + + 0 + 1	DAY	0	0	0	0	0
3-4 DAYS A WEEK + 0 + 0 + 1	-6 DAYS A	+	0	+	0	0
1-2 DAYS A WEEK.	DAYS A	+	0	+	0	0
LESS THAN ONCE A WEEK. + 0 + 0 + 100	DAYS A WEEK	0	0	0	0	0
1-03 1-03 1-03 1-03 1-03 1-03 1-03 1-00 100 100 100 100 100 100 100 100 10	S THAN ONCE A	+	0	+	0	0
1-03  FUERY DAY  S-6 DAYS A WEEK  3-4 DAYS A WEEK  O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NOT AT	\$	8	8	8	<u>\$</u>
TOTAL.  100	-					
EVERY DAY.  5-6 DAYS A WEEK.  1-2 DAYS A WEEK.  0 0 0  1-2 DAYS A WEEK.  0 0 0  0 0  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  0 0 0  0 0  1-2 DAYS A WEEK.  0 0 0  0 0  1-2 DAYS A WEEK.  0 0 0  1-2 DAYS A WEEK.  0 0 0  1-2 DAYS A WEEK.  0 0 0  1-2 DAYS A WEEK.  0 0 0  1-2 DAYS A WEEK.  0 0 0  1-2 DAYS A WEEK.  0 0 0  1-2 DAYS A WEEK.  0 0 0  1-2 DAYS A WEEK.  0 0 0  1-2 DAYS A WEEK.  0 0 0  1-2 DAYS A WEEK.  0 0 0	:	\$	\$	8	\$	\$
5-6 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAY	0	0	0	0	0
3-4 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-6 DAYS A	0	0	0	0	0
1-2 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A	0	0	0	0	0
LESS THAN UNCE A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A WEEK.	0	0	0	0	0
4-06 4-06 5-06 5-6 DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	THAN UNCE A	0 (	0 (	0	0 !	0
TOTAL 100 100 100 100 EVERY DAY 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A 20-A	3	3	3	8	<u>\$</u>
DAY.  AYS A WEEK.  O O O O O O O O O O O O O O O O O O O	TOTAL	9	9	6	٤	Ş
AYS A WEEK	DAY	0	0	2	2	?
DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NS A	0	0	0	0	0
DAYS A WEEK. O O O O THAN DNCE A WEEK. O O	DAYS A	0	0	0	0	0
THAN ONCE A WEEK.	DAYS A WEEK	0	0	0	0	0
	THAN ONCE A	0	0	0	0	0
AT ALL	NOT AT ALL	8	8	8	8	<b>t</b> 00

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE III-16

FREQUENCY OF PCP USE
DURING PAST 30 DAYS.-REGION: EUROPE
(PERCENTAGE OF POPULATION)\*\*

(A)	PERCENTAGE	OF POPULATION)*	i (NO)		
			SER	SERVICE	
PAY GRADE/ FREQUENCY	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE
E1-E5	ω,	00,	00.	•	9
EVERY DAY	3 +	3 +	3°	•	3 ⁺
AYS A W	0	0	0	*	0
-4 DAYS A WEEK.	+	0	-	*	0
1-2 DAYS A WEEK	- +	<b>~</b> •	+ +	* *	00
NOT AT ALL.	66	86	66	•	§
	ξ	ξ	ξ	•	Ş
EVERY DAY	3 0	3 °	3 °	•	3 °
	0	0	0	٠	0
AYS A	0	0	0	•	0
AYS A WEEK	0	0	0	•	0
Ŧ	+ !	+ ;	0	•	0
nt-na ALL	9	8	8	•	<u>§</u>
-	81	8	9	•	8
N DAY	0	0	0	,	0
⋖ •	0	0	0	•	0
DAYS A WEEK	00	0 0	00		0 0
ESS THAN D	0	0	00	•	0
NOT AT ALL	<u>\$</u>	8	8	*	8
104 - U6	5	,	2	•	ξ
EVERY DAY	30		30	•	30
IVS A	0		0	•	0
3-4 DAYS A WEEK	0 0		00	• •	00
S THAN 0	0	-	0		0
⋖	\$		8	•	8

+ LESS THAN HALF OF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
• NOT APPLICABLE.
•\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE 111-17

FREQUENCY OF PCP USE
DURING PAST 30 DAYS--REGION: PACIFIC
(PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
PAY GRADE/ FREQUENCY	T07AL D0D	ARMY	×> <b>AN</b>	MARINE	AIR FORCE
E1-E5					
TOTAL.	8	\$	50	\$	\$
٠.	+ -	•	+ -	•	0 0
YO A WEEK	• •	• •	+ C	+ C	<b>)</b> (
DAYS A WEEK.	+	•	•	· +	0
9	-	+	-	-	+
NT ALL	66	66	66	86	<u>\$</u>
69-69					
	8	\$	8	8	<u>\$</u>
EY DAY	0	0	0	0	٥
	0	0	0	0	0
DAYS A	0	0	0	0	0
DAYS A	0	0	0	0	0
S THAN DNCE A	0	0	0	0	0
NOT AT ALL	8	8	<u>\$</u>	8	8
01-03					
	8	8	8	,	<u>\$</u>
RY DAY	0	0	0		0
⋖	0	0	0		0
DAYS A	0	0	0		0
WEEK.	0	0	0		0
	0	0	0		0
NOT AT ALL	8	8	\$		<del>1</del> 00
04-06					
•	8	\$	ı	,	8
RY DAY	0	0			0
DAYS A	0	0			0
-4 DAYS A	0	0	_		0
DAYS A WEEK	0	0			0
H !	0	0			0
NOT AT ALL	8	8			8

<sup>+</sup> LESS THAN HALF DF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
\*\* PERCENTS MAY NOT AUD TO 100 DUE TO ROUNDING.

TABLE III-18

FREQUENCY OF PCP USE DURING PAST 30 DAYS--REGION: OTHER LOCATIONS (PERCENTAGE OF POPULATION)\*\*

FROUENCY			:	SER	SERVICE	
1-ES 10-TOTAL 10-TOTA	PAY GRADE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
FUERY DAY A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
EVERY DAY S A WEEK O O O O O O O O O O O O O O O O O O	•	8	8	\$	•	9
5-6 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RY DAY	0	0	0	*	0
5-4 DAYS A WEEK.  5-4 DAYS A WEEK.  6-10 DAYS A WEEK.  6-10 DAYS A WEEK.  10 DAYS A WEEK.  12 DAYS A WEEK.  13 DAYS A WEEK.  14 DAYS A WEEK.  15 DAYS A WEEK.  16 DAYS A WEEK.  17 DAYS A WEEK.  18 DAYS A WEEK.  19 DAYS A WEEK.  10 DAYS A WEEK.	DAYS A	0	0 (	0 (	• •	00
1-2 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-4 DAYS A WEEK	0 (	0 (	<b>-</b>		> 0
LESS THAN ONCE A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A WEEK.  1-8 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-1 DAYS A WEEK.  1-1 DAYS A WEEK.  1-1 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A WEEK.  1-8 DAYS A WEEK.  1-9 DAYS A WEEK.  1-1 DAYS A WEEK.  1-1 DAYS A WEEK.  1-1 DAYS A WEEK.  1-1 DAYS A WEEK.  1-2 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A WEEK.  1-8 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-1 DAYS A WEEK.  1-2 DAYS A WEEK.  1-1 DAYS A WEEK.  1-1 DAYS A WEEK.  1-1 DAYS A WEEK.  1-1 DAYS A WEEK.  1-1 DAYS A WEEK.  1-1 DAYS A WEEK.  1-1 DAYS A WEEK.  1-1 DAYS A WEEK.  1-1 DAYS A WEEK.  1-1 DAYS A WEEK.  1-1 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-7 DAYS A WEEK.  1-8 DAYS A WEEK.  1-9 DA	DAYS A WEEK	0 0	00	00	• •	00
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TOTAL	6-E9					
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3-4 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A	0	0	0	•	0
1-2 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A WEEK.	0	0	0	•	0
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RY DAY	NT ALL	8			٠	
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AAVS A WEEK AAVS A WEEK TVAM ONCE A WEEK	RY DAY	0			•	
DAYS A WEEK	DAYS A WEEK	0			*	
THAN ONCE A WEEK.	DAYS A WEEK	0			•	
THAN ONCE A WEEK	MAYS A WEEK.	0			•	
AT ALL	THAN CHEE A	0			• •	
	=	3			•	

LESS THAN HALF OF ONE PERCENT.
LESS THAN 30 RESPONDENTS.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

# Use of Hallucinogens

# Current Use

Prevalence rates for current use of hallucinogens (other than PCP) appear in Table III-19 for the different Services, regions and pay grade groups.

### Current Use - Worldwide

Worldwide, 3 percent of the DOD personnel and 5 percent of E1-E5's reported they had used hallucinogens within the past 30 days. Less than one-half of 1 percent of the E6-E9 group and the officers, worldwide, indicated they had used hallucinogens within the past 30 days.

# Current Use - Regional and Sub-Regional

Current use of hallucinogens was reported by a larger proportion (4 percent) of the military personnel in CONUS than by those in overseas locations (Europe and the Pacific, each 2 percent; Other Locations, 1 percent).

Among the El-E5 group, current use of hallucinogens was slightly more prevalent in CONUS-West than in any other subregion (Table III-20). Six percent of this pay grade group in CONUS-West reported use of hallucinogens within the past 30 days; figures for El-E5's in CONUS-East, Hawaii and Japan were similar (each 5 percent).

### Annual Use

Prevalence rates for use of hallucinogens within the past 12 months among the various groups appear in Tables III-21 and III-22.

POPULATION USING HALLUCINOGENS (OTHER THAN PCP)
DURING PAST 30 DAYS
(PERCENTAGE) TABLE III-19

GEGGRAPHICAL REGION/PAY GRADE CONUS TOTAL E1-E5 01-03 04-06 EUROPE TOTAL	101AL 100D 4 + +	A	Y NA V	71414	
ר מטטמר	4 m + + O	44000		CORPS	AIR
പരരെശ പ	4 ru + + O	44000			
ഗരദാ ച	ın + + O	4000	Œ	-a	-
നെ വ	++0	000	· co	=	7
E 9 -	+0	00	-	0	0
EUROPE TOTAL	٥	0	0	-	0
EUROPE			0	0	0
TOTAL					
The second secon	~	7	+	•	-
E1-E5	~	n	+	*	-
E6-E9	0	0	0	٠	0
01-03	c	0	0	•	0
04-06	0	,	0	•	0
PACIFIC					
TOTAL	7	~	8	S	-
E1-E5	4	၉	ı,	7	-
E6-E9	+	0	0	-	0
01-03	+	0	•	,	0
04-06	0	0	•	,	0
OTHER LOCATIONS					
TOTAL	-	e	-	*	0
E1-E5	7	4	-	*	0
E6-E9	0	0	0	*	0
01-03	0	•	,	*	ı
04-06	0	,	,	*	,
TOTAL WORLDWIDE					
TOTAL	9	7	ស	,	-
E1-E5	ស	n	7	ō	7
E6-E9.	+	0	-	+	0
W1-W4	0	0	0	,	•
01-03	+	0	+	-	0
04-06	0	0	0	0	0

+ LESS THAN HALF OF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
\* NOT APPLICABLE.

POPULATION OF E1-E5'S USING HALLUCINOGENS (OTHER THAN PCP)
DURING PAST 30 DAYS
(PERCENTAGE) TABLE 111-20

			SER	SERVICE	
GEOGRAPHICAL REGION	TOTAL DOD	ARMY	NAV	MARINE	AIR FORCE
COMUS					
TOTAL	ъ	4	80	Ξ	8
EAST	гo	4	7	9	8
WEST	9	6	0	=	7
EUROPE					
TOTAL	~	6	+	•	-
GERMANY	е	6	*	*	-
ITALY	+	•	+	*	•
ENGLAND	-	*	1	•	-
SPAIN	-	*	-	•	-
PACIFIC					
TOTAL	4	က	ស	7	-
HAWAII	TC.	ß	9	7	0
UAPAN	ro.	-	7	^	-
KOREA	7	7	*	٠	-
PHILIPPINES	+	*	-	•	٥
GUAM	-	*	-	*	•
OTHER LOCATIONS					
TOTAL	~	4	-	•	0
PANAMA CANAL	-	-	•	*	•
ALASKA	ო	9	*	*	0
GUANTANAMO BAY	-	*	-	•	•
	,	,		!	
TOTAL WORLDWIDE	ın.	e	_	5	7

- LESS THAN 30 RESPONDENTS. + LESS THAN HALF OF ONE PERCENT. \* NOT APPLICABLE.

POPULATION USING HALLUCINDGENS (OTHER THAN PCP)

OURING PAST 12 MONTHS
(PERCENTAGE) TABLE III-21

ì

			SER	SERVICE	
GEOGRAPHICAL REGION/PAY GRADE	101AL 000	ARMY	> <b>V</b>	MARINE	AIR FORCE
CONUS					
TOTAL	6	7	4	9	e
E1-E5	£3	õ	30	5	<b>S</b>
E6-E9	-	-	8	0	•
01-03	+	-	+	-	0
04-06	•	0	0	0	0
EUROPE					
TOTAL	9	æ	4	•	n
E1-E5	o	=	9	•	ยา
E6-E9	+	+	0	•	0
01-03	-	7	0	•	0
04-06	0	ı	0	•	0
PACIFIC					
TOTAL	^	4	_	2	ო
E1-E5	ç	٠	<u>5</u>	ě	4
E6-E9	+	+	0	-	0
01-03	+	0	-	١	0
04-06	•	0	1	١	7
OTHER LOCATIONS					
TOTAL	so.	G.	6	•	7
E1-E5	80	<u> </u>	S	•	7
	-	60	0	٠	0
01-03	0	•	•	•	•
	0	,	•	•	
TOTAL WORLDWIDE					
TOTAL	80	7	5	£.	က
E1-E5	12	9	<del>2</del>	21	ស
E6-E9	-	+	•	+	+
N+-W4	0	0	0	1	•
01-03	+	-	+	-	٥
04-06	+	0	0	0	+

LESS THAN HALF OF ONE PERCENT. LESS THAN 30 RESPONDENTS. NOT APPLICABLE.

TABLE III-22

POPULATION OF E1-E5'S USING HALLUCINOGENS (OTHER THAN PCP)
DURING PAST 12 MONTHS
(PERCENTAGE)

			SER	SERVICE	
GEOGRAPHICAL REGION	TOTAL DOD	ARMY	× × ×	MARINE	AIR
COMUS					
TOTAL	13	9	- C	•	•
EAST	12	2	2 5	, g	D #
WEST	13	Ξ	78	23	<b>,</b>
TOTAL	(	;			
S S S S S S S S S S S S S S S S S S S	n (	Ξ:	<b>.</b>	•	<b>\$</b>
17AL V	2 (	-	•	•	ø
THE TANK	80	*	•	•	•
ENGLAND	7	•	•	•	•
SPAIN		•	•	•	
PACIFIC					•
TOTAL	9	7	ŭ	=	•
HAWAII	æ	ø	9		•
OAPAN	5	4	=======================================	-	. ~
KOREA	ī.	7	•	:•	•
PHILIPPINES	S.	•	_	•	•
GUAM	4	*	•	•	•
TOTAL LUCATIONS					
101AL	80	<del>.</del>	<b>1</b> 0	•	7
PANAMA CANAL	9	9	•	•	•
ALASKA	\$	. 17	•	•	c
GUANTANAMO BAY	ın		<b>80</b>	•	•
TOTAL WORLDWIDE	ç	;	,		
	•	2	2	~	ŝ

- LESS THAN 30 RESPONDENTS. \* NOT APPLICABLE.

Annual Use - Worldwide

Eight percent of the military personnel worldwide reported they had used hallucinogens within the past 12 months. The highest rate was reported for the El-E5 pay grade group (12 percent). Rates of annual use of hallucinogens among other pay grade groups were 1 percent or less.

Annual Use - Regional and Sub-Regional

Nine percent of the military personnel stationed in CONUS reported use of hallucinogens during the past 12 months; corresponding figures for overseas locations were lower (Europe, 6 percent; Pacific, 7 percent; Other Locations, 5 percent).

Sub-regionally, the highest annual prevalence rate was recorded in the Pacific region for Hawaii (Table III-22). Fifteen percent of the El-E5 group from all Services in Hawaii reported they had used hallucinogens within the past 12 months. In CONUS, prevalence rates were highest in CONUS-West (13 percent). In Europe, the highest annual prevalence rate for use of hallucinogens among El-E5 personnel appeared in Germany (10 percent).

# Frequency of Current Use

Less than 2 percent of the military personnel worldwide reported they had used hallucinogens weekly or more frequently within the past 30 days (Table III-23). Frequency of current use of hallucinogens by pay grade and geographical region is depicted in Tables III-24 to III-27.

FREQUENCY OF HALLUCINOGEN USE (OTHER THAN PCP)
DURING PAST 30 DAYS--TOTAL DOD
(PERCENTAGE OF POPULATION)\*\* TABLE III-23

\* \_

			SER	SERVICE	
REGION/ FREQUENCY	TOTAL OOD	ARMY	NAVY	MARINE	AIR FORCE
SOMOS					
۳	8	8	8	õ	8
RY DAY	+	+	٠	•	•
	+	+	+	•	•
	+	•	•	•	0
DAYS A WEEK	-	-	-	7	•
<u>∓</u> !	7	8	4	S.	-
MOT AT ALL	96	46	95	92	66
FUNDE		,	Ş		
- IOTAL	§ ·	9	<u>ş</u> '		8
ZY DAY	+	•	0	•	٠
DAYS	*	•	+	•	0
DAYS A	+	+	•	•	0
MYS A WEEK	+	-	+	•	0
E	-	7	•	•	•
NOT AT ALL	86	97	66	•	66
PACIFIC					
	8	8	8	8	8
VERY DAY	+	•	٠	+	•
	+	•	*	٠	0
AYS A	•	•	*	•	0
	+	•	•	•	0
LESS THAN ONCE A WEEK.	7	-	7	*	•
	86	98	97	932	66
OTHER LOCATIONS					
	8,	8	8,	•	8
CY DAY.	0 (	0	0	•	0
DAYS A	0 (	0	0 1	•	0
DAYS	0	0	0	•	0
A WEEK.	_	-	o ·	•	•
n	- 8	- ;	- (	•	0
2	66	97	66	•	8
TOTAL WORLDWIDE					
TOTAL	8	\$	\$	\$	\$
Y DAY	+	+	•	٠	•
DAYS A	+	•	•	٠	•
DAYS A	+	•	•	•	0
JAYS A WEEK	-	-	-	~	•
S	7	7	6	5	-
NOT AT ALL.	97	97	95	66	66

NOTE: FIGURES INCLUDE W1-W4'S.

<sup>+</sup> LESS THAN HALF OF ONE PERCENT.
• NOT APPLICABLE.
•• PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

TABLE III-24
FREQUENCY OF HALLUCINOGEN USE (OTHER THAN PCP)
DURING PAST 30 DAYS--REGION: CONUS
(PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
PAY GRADE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
E1-E5 TOTAL	Ę	8	8	ĝ	8
VERY DAY	+	+	*	*	+
DAYS A	+ -	* ·	+	+	+ (
-4 DAYS A WEEK	+ -	+ +	+ ^	+ "	o +
STHANO	- 4	· m	. W	7	-
NOT AT ALL	92	96	92	68	86
TOTAL	5	ş	8	8	8
VERY DAY	0	0	0	0	0
DAYS A	+	0	+	0	0
DAYS A	+	0	+	0	0
A WEEK.	+	0	+	0	0
Ĭ	+	0	-	0	0
D1-03	8	<u>§</u>	66	8	8
-	9	\$	\$	8	9
N DAY	0	0	0	0	0
AYS A W	0	0	0	0	0
DAYS A	+	0	0	-	0
A WEEK	0	0	0	0	0
Ξ,	0 9	0 9	0 ;	0 ;	0
MOI AI ALL	3	<u>3</u>	3	66	8
, '	8	5	8	\$	001
RY DAY	0	0	0	0	0
DAYS A	0	0	0	0	0
DAYS A	0	0	0	0	0
DAYS A WEEK.	0	0	0	0	0
ׅׅ֭֭֭֭֓֞֞֝֞֜֞֞֜֜֝֟֜֜֝֟֝֞֝֜֟֝֞֝֜֟֝	0	0 9	0	0	0
NOT ALL STREET	8	3	8	8	8

+ LESS THAN HALF OF DNE PERCENT.

FREQUENCY OF HALLUCINDGEN USE (OTHER THAN PCP)
DURING PAST 30 DAYS--REGION: EUROPE
(PERCENTAGE OF POPULATION)\*\* TABLE III-25

E1-E5 FREQUENCY DOD FREQUENCY FREQUENCY DOD FREQUENCY FREQUENCY DOD FREQUENCY FREQUENCY DOD FREQUENCY FREQUENCY FREQUENCY DOD FREQUENCY FREQUENCY TOTAL FREQUE			1	
1-ES EVERY DAY. 5-6 DAYS A WEEK. 1-2 DAYS A WEEK. 1-2 DAYS A WEEK. 1-2 DAYS A WEEK. 1-2 DAYS A WEEK. 2 LESS THAN ONCE A WEEK. 3-6 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 1-3 DAYS A WEEK. 0 1-4 DAYS A WEEK. 0 1-5 DAYS A WEEK. 0 1-7 DAYS A WEEK.	ARMY	NAVY	MARINE	AIR
TOTAL  EVERY DAY  5-6 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  5-6 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-3 DAYS A WEEK  1-4 DAYS A WEEK  1-5 DAYS A WEEK  1-5 DAYS A WEEK  1-6 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK				
EVERY DAY.  5-6 DAYS A WEEK  1-2 DAYS A WEEK  1-3 DAYS A WEEK  1-4 DAYS A WEEK  1-5 DAYS A WEEK  1-5 DAYS A WEEK  1-5 DAYS A WEEK  1-5 DAYS A WEEK  1-6 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK  1-8 DAYS A WEEK  1-9 DAYS A	8	\$	•	\$
5-6 DAYS A WEEK + 1 L 2 DAYS A WEEK + 1 L 2 DAYS A WEEK   1 L 2 DAYS A WEEK   2 L 2 DAYS A WEEK   97	•	0	*	+
3-4 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  5-6 DAYS A WEEK.  5-6 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.  1-8 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-1 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-7 DAYS A WEEK.  1-8 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.	•	-	•	0
1-2 DAYS A WEEK 1  LESS THAN ONCE A WEEK 2  6-E9  TOTAL 97  TOTAL 97  1-2 DAYS A WEEK 0  LESS THAN ONCE A WEEK 0  1-2 DAYS A WEEK 0  1-2 DAYS A WEEK 0  1-2 DAYS A WEEK 0  1-2 DAYS A WEEK 0  5-6 DAYS A WEEK 0  1-2 DAYS A WEEK 0  1-2 DAYS A WEEK 0  1-2 DAYS A WEEK 0  1-2 DAYS A WEEK 0  1-2 DAYS A WEEK 0  1-2 DAYS A WEEK 0  1-2 DAYS A WEEK 0  1-2 DAYS A WEEK 0  1-2 DAYS A WEEK 0  1-3 DAYS A WEEK 0  1-4 DAYS A WEEK 0  1-5 DAYS A WEEK 0  1-5 DAYS A WEEK 0  1-5 DAYS A WEEK 0  1-5 DAYS A WEEK 0  1-6 DAYS A WEEK 0  1-7 DAYS A WEEK 0  1-8 DAYS A WEEK 0  1-9 DAYS A WEEK 0  1-9 DAYS A WEEK 0  1-9 DAYS A WEEK 0  1-9 DAYS A WEEK 0  1-9 DAYS A WEEK 0  1-9 DAYS A WEEK 0  1-9 DAYS A WEEK 0  1-9 DAYS A WEEK 0	<b>→</b>	0	٠	٥
6-ESS THAN ONCE A WEEK 2  6-EO TOTAL 997  5-EO DAYS A WEEK 0  1-2 DAYS A WEEK 0  1-2 DAYS A WEEK 0  1-2 DAYS A WEEK 0  1-2 DAYS A WEEK 0  5-6 DAYS A WEEK 0  5-6 DAYS A WEEK 0  1-2 DAYS A WEEK 0	-	+	•	٥
6-E9 EVERY DAY 5-E DAYS A WEEK 1-2 DAYS A WEEK 01-ESS THAN ONCE A WEEK 01-2 DAYS A WEEK	e	+	•	•
56-E9  TOTAL  TO	96	66	٠	66
TOTAL.  5-6 EVERY DAY.  5-6 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A WEEK.  1-8 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.				
EVERY DAY.  5-6 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A WEEK.  1-8 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.		\$	*	5
5-6 DAYS A WEEK.  3-4 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  5-6 DAYS A WEEK.  5-6 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.		0	*	0
3-4 DAYS A WEEK.  1-2 DAYS A WEEK.  NOT AT ALL.  1-00  1-01  1-01  1-1 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A WEEK.  1-8 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.  1-9 DAYS A WEEK.	_	0	*	0
1-2 DAYS A WEEK.  LESS THAN ONCE A WEEK.  1-03  TOTAL.  1-03  TOTAL.  1-05  1-12 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.		0	*	0
LESS THAN ONCE A WEEK O		0	•	0
100 100 100 100 100 100 100 100 100 100		0 6	• •	0 9
TOTAL.  5-6 DAYS A WEEK.  5-6 DAYS A WEEK.  1-2 DAYS A WEEK.  0 LESS THAN ONCE A WEEK.  4-06  6-06  6-06  7-2 DAYS A WEEK.  100  100  100  100  100  100  100  1	_	3	,	3
EVERY DAY.  5-6 DAYS A WEEK.  3-4 DAYS A WEEK.  1-2 DAYS A WEEK.  0 1-2 DAYS A WEEK.  0 1-2 DAYS A WEEK.  100  4-06  EVERY DAY.  5-6 DAYS A WEEK.  0 5-6 DAYS A WEEK.  0 1-2 DAYS A WEEK.  0 1-2 DAYS A WEEK.		90	•	5
5-6 DAYS A WEEK.  3-4 DAYS A WEEK.  1-2 DAYS A WEEK.  NLT 2 THAN ONCE A WEEK.  100  100  100  100  100  100  100  1		0	٠	0
3-4 DAYS A WEEK.  1-2 DAYS A WEEK.  LESS THAN ONCE A WEEK.  0 ONT AT ALL.  100 FOR TOTAL.  5-6 DAYS A WEEK.  0 3-4 DAYS A WEEK.  0 5-6 DAYS A WEEK.  0 5-6 DAYS A WEEK.  0 5-6 DAYS A WEEK.  0 5-6 DAYS A WEEK.		0	•	0
1-2 DAYS A WEEK. 0 LESS THAN DNCE A WEEK. 0 4-06 4-06 4-06 5-6 DAYS A WEEK. 0 5-6 DAYS A WEEK. 0 6-6-06 6-06 6-06 6-06 6-06 6-06 6-06	_	0	٠	٥
LESS THAN DNCE A WEEK. 0 4-06 4-06 4-06 5-6 DAYS A WEEK. 0 5-6 DAYS A WEEK. 0 6-5-5 DAYS A WEEK. 0 6-5 DAYS A WEEK. 0 6-5-5 DAYS A WEEK		0	•	0
4-06  4-06  EVERY DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK		0	•	0
4-06 101AL 101AL 5-06 5-6 DAYS A WEEK 3-4 DAYS A WEEK 1-2 DAYS A WEEK 1-2 DAYS A WEEK	_	<u>\$</u>	•	<u>§</u>
YY DAY, DAYS A WEEK DAYS A WEEK DAYS A WEEK THAN DAYS A WEEK				
YY DAY. DAYS A WEEK. DAYS A WEEK. THAN DACE A MEEK.	,	8	•	8
DAYS A WEEK. DAYS A WEEK. THAN ONCE A MEEK.		0	•	0
DAYS A WEEK		0	•	0
THAN ONCE A WEEK		0	•	0
		0	•	0
CHOCK A MEEN.		0	•	0
NOT AT ALL 100		<u>\$</u>	•	\$

<sup>+</sup> LESS THAN HALF OF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
\* NOT APPLICABLE.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE III-26

FREQUENCY OF HALLUCINOGEN USE (OTHER THAN PCP)
DURING PAST 30 DAYS--REGION: PACIFIC
(PERCENTAGE OF POPULATION)\*\*

E1-E5 TOTAL  E1-E5 TOTAL  EVERY DAY  3-6 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  100 100 100 1100 1100 1100 1100 110	VA VA VA VA VA VA VA VA VA VA VA VA VA V	MARINE CORPS + + + + + + + + + + + + + + + + + + +	AIR FORCE 100 100 00 00 00 00 00 00 00
1-E5 TOTAL T	Ŏ+++±wñ Ŏ	Ö++++nv4 Ö	0 + 0 0 0 + m 0 0 0 0 0
EVERY DAY  5-6 DAYS A WEEK  1-2 DAYS A W	Ö++++## Ö	<u> </u>	5+000+8 5000
EVERY DAY  5-6 DAYS A WEEK  1-2 DAYS A WEEK  1-3 DAYS A WEEK  1-4 DAYS A WEEK  1-5 DAYS A WEEK  1-7 DAYS A W	++++## 80000	++++104 00000	+000+8 5000
5-6 DAYS A WEEK + + + + + + + + + + + + + + + + + +	+++68 0000	++-114 00000	000+g 0000
3-4 DAYS A WEEK + + + + +   1-2 DAYS A WEEK + + + +   1-2 DAYS A WEEK + + + +   1-2 DAYS A WEEK   3 2 2   NOT AT ALL   96 97   5-6 DAYS A WEEK   0 0 0   1-2 DAYS A WEEK   0 0 0   1-2 DAYS A WEEK   0 0 0   1-2 DAYS A WEEK   + 0 0   NOT AT ALL   100   1-2 DAYS A WEEK   + 0 0   NOT AT ALL   100   1-2 DAYS A WEEK   + 0 0   1-2 DAYS A WEEK   + 0 0   1-2 DAYS A WEEK   + 0 0   NOT AT ALL   100   1-2 DAYS A WEEK   + 0 0   1-2 DAYS A WEEK   + 0 0   NOT AT ALL   100   1-2 DAYS A WEEK   + 0 0   ++88 00000	+-124 00000	00+9 0000	
1-2 DAYS A WEEK + + + + + +   LESS THAN DNCE A WEEK   3   2   NOT AT ALL   96   97   6-E9   100   100   TOTAL   100   100   EVERY DAY   WEEK   0   0   3-4 DAYS A WEEK   0   0   1-2 DAYS A WEEK   0   0   LESS THAN DNCE A WEEK   +   0   NOT AT ALL   100	- w m 00000	- ro 4 0000	0 + 8 0000
LESS THAN DNCE A WEEK. 3 2 6 97 6-6-6 0 97 100 100 100 100 100 100 100 100 100 10	w m 00000	n 4 5000	+ 66 00 0
6-E9 100 100 100 100 100 100 100 100 100 100	r 50000	4 0000	<b>6</b> 0000
6-E9  TOTAL  TOT	80000	80000	0000
NY DAY 00 100 100 100 100 100 100 100 100 100	80000	8000	<u>\$</u> 000
DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000	000	000
DAYS A WEEK. 0 0 0 DAYS A WEEK. 0 0 0 DAYS A WEEK. 0 0 0 THAN ONCE A WEEK. + 0 AT ALL. 100 100	000	000	00
DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00	0 (	0
100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	_	•	
THAN ONCE A WEEK + 0	>	>	0
AT ALL 100 100	0	-	0
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YS A WEEK 0 0 0	0		0
DAYS A WEEK	0		0
DAYS A WEEK	o ·		0 (
S THAN UNCE A WEEK	- ;		٥ <u>:</u>
<u>-</u>	5 6		8
			5
			3 9
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			> 0
			<b>&gt;</b> (
DAYS			0 0
THAN DAOR A LINE O			0
THAN DIRECT MEEN.			2
AI ALL			3

<sup>+</sup> LESS THAN HALF OF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
-- PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE 111-27

ť

FREQUENCY OF HALLUCINOGEN USE (OTHER THAN PCP)
DURING PAST 30 DAYS--REGION: OTHER LOCATIONS
(PERCENTAGE OF POPULATION)\*\*

FREQUENCY   TOTAL   ARMY   NAVY   MARINE   AIR   CORPS   FORCE				SER	SERVICE	
FES THAN DINCE A WEEK	PAY GRADE/ FREQUENCY	T0TAL D0D	ARMY	NAV	MARINE	AIR FORCE
TOTAL  TO	-					
EVERY DAY  5-6 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  100  100  100  100  100  100  100		9	8	8	,	\$
5-6 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ZY DAY	0	0	0	*	0
3-4 DAYS A WEEK	DAYS A	0	0	0	*	0
1-2 DAYS A WEEK	DAYS A WEEK	0	0	0	*	0
LESS THAN UNCE A WEEK 98 96 99 100 100 100 100 100 100 100 100 100	JAYS A WEEK.	<b>+</b> •	7 7	o <del>-</del>	* •	+ (
FEST THAN DNCE A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-3 TALL  1-4 DAYS A WEEK  1-5 DAYS A WEEK  1-6 DAYS A WEEK  1-7 DAY	AT ALL	- 86	96	- 66 6	*	. §
FUERY DAY.  EVERY DAYS A WEEK  O C C C C C C C C C C C C C C C C C C	6-E9	1	;	!		1
EVERY DAY  5-6 DAYS A WEEK  0 0 0  1-2 DAYS A WEEK  0 0 0  1-2 DAYS A WEEK  0 0 0  0 0  1-2 DAYS A WEEK  0 0 0  0 0  1-2 DAYS A WEEK  0 0 0  0 0  1-2 DAYS A WEEK  0 0  1-3 DAYS A WEEK  0 0  1-4 DAYS A WEEK  0 0  1-5 DAYS A WEEK  0 0  1-6 DAYS A WEEK  0 0  1-7 DAYS A WEEK  0 0  1-8 DAYS A WEEK  0 0  0 0  0 0  0 0  0 0  0 0  0 0	TOTAL	8	8	8	•	\$
5-6 DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAY	0	0	0	•	0
3-4 DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	YS A	0	0	0	•	0
1-2 DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	YS A WEEK	0	0	0	•	0
NOT AT ALL  100  100  100  100  100  100  100	DAYS A WEEK	0	0	0	•	0
NOT AT ALL.  100 100 100 100 100 100 100 100 100 10	THAN ONCE A	0	0	0	* -	0
TOTAL  TO	NOT AL ALL	3	3	3	•	3
EVERY DAY  3-4 DAYS A WEEK  3-4 DAYS A WEEK  0  1-2 DAYS A WEEK  0  1-2 DAYS A WEEK  0  1-3 DAYS A WEEK  0  1-4 DAYS A WEEK  0  1-5 DAYS A WEEK  0  1-6 DAYS A WEEK  0  1-7 DAYS A WEEK  0  1-8 DAYS A WEEK  0  1-9 DAYS A WEEK  0  1-1 DAYS A WEEK  0  1-1 DAYS A WEEK  0  1-2 DAYS A WEEK  0  1-2 DAYS A WEEK  0  1-3 DAYS A WEEK  0  1-4 DAYS A WEEK  0  1-5 DAYS A WEEK  0  1-6 DAYS A WEEK  0  1-7 DAYS A WEEK  0  1-8 DAYS A WEEK  0  1-9 DAYS A WEEK  0  1-1 DAYS A WEEK  0  1-1 DAYS A WEEK  0  1-2 DAYS A WEEK  0  1-3 DAYS A WEEK  0  1-4 DAYS A WEEK  0  1-5 DAYS A WEEK  0  1-6 DAYS A WEEK  0  1-7 DAYS A WEEK  0  1-8 DAYS A WEEK  0  1-9 DAYS A WEEK  0	1-03 TOTA!	Ş	,	,	•	,
5-6 DAYS A WEEK. 0 3-4 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 LESS THAN ONCE A WEEK. 0 1007 AT ALL. 100 -06 107 AT ALL. 0 107 AL 100 -100 AL 10	DAY	0			*	
3-4 DAYS A WEEK 0 1-2 DAYS A WEEK 0 LESS THAN ONCE A WEEK 0 1007 AT ALL 100 100 100 100 100 100 100 100 100 1	YS A	0			•	
1-2 DAYS A WEEK O O O O O O O O O O O O O O O O O O	DAYS A	0			*	
107 AT ALL  100 AT ALL  100 AT ALL  100 AT ALL  100 AT ALL  100 AT ALL  100 AT ALL  100 AT ALL  100 AT ALL  100 AT ALL	JAYS A WEEK.	0 0			• •	
107AL DAY 100	AT ALL	\$			*	
AL 100 37 DAYS A WEEK 0 DAYS A WEEK 0 DAYS A WEEK 0 S THAN ONCE A WEEK 0 AT ALL 100	90-	)				
RY DAY. DAYS A WEEK DAYS A WEEK DAYS A WEEK S THAN ONCE A WEEK AT ALL	TOTAL	8	1		•	,
DAYS A WEEK DAYS A WEEK DAYS A WEEK S THAN ONCE A WEEK AT ALL	RY DAY	0			*	
DAYS A WEEK. DAYS A WEEK. S THAN ONCE A WEEK. AT ALL.	DAYS A WEEK.	0			•	
DAYS A WEEK S THAN ONCE A WEEK AT ALL	DAYS A WEEK.	0			•	
AT ALL	DAYS A WEEK	0 (			• •	
A ALL:	AT ALL	၁ ဋ			• •	
	•	3	•			

LESS THAN HALF OF ONE PERCENT LESS THAN 30 RESPONDENTS NOT APPLICABLE. PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

### Cocaine Use

# Current Use

Prevalence rates for use of cocaine during the past 30 days appear in Table III-28.

#### Current Use - Worldwide

Worldwide, 4 percent of the military personnel reported they had used cocaine during the past 30 days. Among the different pay grade groups, only the E1-E5 personnel reported any substantial current use of cocaine (7 percent compared to less than 0.5 percent of the E6-E9 group and none of the officers, worldwide).

### Current Use - Regional and Sub-Regional

Personnel stationed in CONUS were slightly more likely to report current use of cocaine (5 percent) than those stationed in overseas locations (Europe, 3 percent; Pacific, 4 percent; Other Locations, 4 percent).

Among E1-E5 enlisted personnel in the different subregions, current cocaine use was considerably more prevalent
(17 percent) in Hawaii than in any other sub-region (Table
III-29).

## Annual Use

The prevalence of cocaine use within the past 12 months is depicted in Tables III-30 and III-31.

## Annual Use - Worldwide

Eleven percent of the military personnel worldwide reported use of cocaine within the past 12 months. Among the

POPULATION USING COCAINE DURING PAST 30 DAYS (PERCENTAGE) TABLE III-28

			SER	SERVICE	
GEOGRAPHICAL REGION/PAY GRADE	TOTAL	ARMY	NAVY	MARINE	AIR
CONUS					
TOTAL	ъ	4	<b>00</b>	60	-
E1-E5	_	9	=	=	7
E6-E9	+	+	-	0	0
01-03	+	0	+	-	0
04-06	0	0	0	0	0
EUROPE					
TOTAL	e	4	+	•	7
m - m	4	S.	-	•	7
E6-E9	+	+	0	•	0
01-03	0	0	0	•	0
04-06	0	ı	0	*	0
PACIFIC					
TOTAL	4	၈	9	9	+
E1-E5	g	ī	9	<b>6</b> 0	+
E6-E9.	-	-	-	0	-
01-03	0	0	0	1	0
_	0	0	1	,	0
UNHER LOCALIONS	•	(	•	•	•
10-AL	4 U	pa	7 4	• •	7 6
E6-E9	+	, -	c	•	, c
01-03	0		) 1	•	) 1
	0	1	•	٠	,
DRLDWI					
TOTAL	4	4	7	80	-
E1-E5	_	g	=	ç	~
E6-E9	+	+	-	0	•
M1-W4	0	0	0	,	•
01-03	+	0	+	-	0
04-06	0	0	0	0	0

LESS THAN HALF OF ONE PERCENT. LESS THAN 30 RESPONDENTS. NOT APPLICABLE.

POPULATION OF E1-E5'S USING COCAINE DURING PAST 30 DAYS (PERCENTAGE) TABLE III-29

			SER	SERVICE	
GEOGRAPHICAL REGION	TOTAL DOD	ARMY	NA V V	MARINE	AIR
CONUS					
TOTAL	7	g	=	=	8
EAST	_	1	9	7	7
WEST	80	ம	÷	14	7
EUROPE					
TOTAL	4	ß	-	•	7
GERMANY	<sub>s</sub>	co.	•	•	ო
ITALY	-	•	-	•	•
ENGLAND	-	•	,	•	-
SPAIN	6	•	0	•	4
PACIFIC					
TOTAL	9	S	0	60	•
HAWAII	17	12	23	11	7
CAPAN	7	77	0	0	*
KOREA	-	6	•	•	0
PHILIPPINES	0	٠	0	•	0
GUAM	-	*	-	•	•
OTHER LOCATIONS					
TOTAL	9	90	4	•	e
PANAMA CANAL	:	=	•	•	•
ALASKA	ı,	9	•	•	က
GUANTANAMO BAY	4	•	4	•	•
	į	(	•	,	•
TOTAL WORLDWIDE	`	ø	-	o •	8

- LESS THAN 30 RESPONDENTS. + LESS THAN HALF OF ONE PERCENT. + NOT APPLICABLE.

POPULATION USING COCAINE DURING PAST 12 MONTHS (PERCENTAGE) TABLE III-30

S. F.

			SER	SERVICE	
GEOGRAPHICAL REGION/PAY GRADE	TOTAL	ARMY	NAVY	MARINE	AIR
CONUS					
TOTAL	12	ç	6	50	S
E1-E5	82	15	56	27	œ
E6-E9	<u>-</u>	-	8	+	•
01-03	-	-	+	7	•
04-06	0	0	0	0	0
EUROPE					
	<b>ao</b>	9	ហ	•	9
E1-E5		4	7	•	Ø
E6-E9	<u>-</u>	-	~	•	٥
01-03	0	0	0	•	0
04-06	0	ı	0	•	0
PACIFIC					
TOTAL	<u>ი</u>	۲	=	15	4
E1-E5	- 4	12	50	20	'n
E6-E9.	7	7	-	6	-
01-03	7	Ю.	၈	•	7
04-06	<u>-</u>	0	٠	(	4
OTHER LOCATIONS					
TOTAL	<u>o</u>	ţ.	7	•	_
E - E - E - E - E - E - E - E - E - E -	- 5	50 -	9	•	9
EG-E9	<del>-</del> 1	ഹ	0	•	0
01-03	<del>г</del>	1	•	•	1
04-06	o -	1	•	•	1
TOTAL WORLDWIDE					
T0TAL	=	ç	17	<u>.</u>	en
E1-E5	-	£	25	56	Œ.
E6-E9	<del>-</del>	-	7	-	•
W1-W4	~	7	0	1	•
01-03	• -	0	0	7	+
04-06	*	0	0	0	+

+ LESS THAN HALF OF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
+ NOT APPLICABLE.

TABLE III-31
POPULATION OF E1-E5'S USING COCAINE
DURING PAST 12 MONTHS
(PERCENTAGE)

			SER	SERVICE	
GEOGRAPHICAL Region	TOTAL DOD	ARMY	NAVY	MARINE	AIR FORCE
COMUS					
T0TAL	18	15	56	27	•
EAST	48	15	25	24	ç
WEST	82	Ť.	32	90	~
EUROPE					
TOTAL	12	4	7	*	a
GERMANY	t3	4	*	•	Ø
ITALY	9	•	9	•	*
ENGLAND	zc.	*	,	*	ភ
SPAIN	=	*	60	*	12
PACIFIC					
TOTAL	4	5	50	50	ស
HAWAII	25	6	33	26	60
GAPAN	Ξ	ო	-	17	ø
KOREA	<b>6</b> 0	=	*	*	S.
PHILIPPINES	4	٠	ç	•	-
GUAM	0	*	Ş	*	•
OTHER LOCATIONS			_		
TOTAL	15	8	õ	*	ç
PANAMA CANAL	<b>\$</b>	82	*	•	*
ALASKA	16	22	•	•	ō
GUANTANAMO BAY	5	*	5	*	*
TOTAL WORLDWIDE	12	ñ	35	96	σ
	;	?	?	2	<b>,</b>

- LESS THAN 30 RESPONDENTS. \* NOT APPLICABLE.

junior enlisted personnel, the annual rate was 17 percent. Only about 1 percent of the E6-E9 group and less than 0.5 percent of officers, worldwide, indicated they had used cocaine within the past 12 months.

# Annual Use - Regional and Sub-Regional

A larger proportion (12 percent) of the military personnel stationed in CONUS reported they had used cocaine during the preceding 12 months than did their counterparts in overseas locations (Europe, 8 percent; Pacific, 9 percent; Other Locations, 10 percent).

Among the E1-E5 respondents, cocaine use within the past 12 months was considerably more prevalent in Hawaii than in any other sub-region (Table III-31). Twenty-five percent of this pay grade group in Hawaii reported they had used cocaine within the past 12 months.

### Frequency of Current Use

Worldwide, only about 2 percent of the military personnel reported they had engaged in cocaine use weekly or more often than weekly within the past 30 days (Table III-32).

Frequency of cocaine use by pay grade and geographical region appears in Tables III-33 through III-36.

FREQUENCY OF COCAINE USE DURING PAST 30 DAYS-- TOTAL DOD (PERCENTAGE OF POPULATION)\*\* TABLE 111-32

			SER	SERVICE	
REGION/ FREQUENCY	101AL 000	ARMY	×> <b>AN</b>	MARINE	AIR
COMUS					
TOTAL	5	8	9	8	\$
DAY	+	+	+	+	+
5-6 DAYS A WEEK	+	+	+	+	+
YS A	+	•	-	-	+
YS A	-	-	7	-	+
LESS THAN ONCE A WEEK.	е	ю	ß	'n	-
NOT AT ALL	95	96	92	92	66
EUROPE					
TOTAL	8	8	\$	•	\$
	+	+	0	•	+
W A SY	+	+	0	•	0
DAYS .	-	-	-	•	+
-2 DAYS A	+	-	+	•	•
THAN	5	7	-	•	-
AT ALL	97	96	86	*	98
ပ					
TOTAL	8	8	8	8	8
DΑγ	+	+	+	+	+
DAYS A W	+	+	+	•	0
DAYS A	+	+	-	-	0
1-2 DAYS A WEEK	-	-	8	-	+
un	7	7	6	က	+
	96	97	97	94	66
OTHER LOCATIONS			-	,	
JUIAL SAN	<u>ş</u>	<u>3</u> °	<u>3</u> °	• •	<u>ş</u> .
ALE DAVE A EFFE	. 1	> <	o +		• (
4 6 7 4 6		> 4		•	٠ ٠
DAVS A WEEK	. •		s c	•	•
NAHL			· <del>-</del>	•	
	16	9 6	- G1	•	86
	•		}		)
•	8	8	\$	\$	<u>\$</u>
<u>∩</u>	+	+	•	+	+
A S A	+	•	•	+	+
DAYS A	+	+	-	-	+
DAYS A WEEK	-	<u>-</u>	7	-	+
v	6	n	4	ı,	-
NOT AT ALL	95	96	66	95	66

NOTE: FIGURES INCLUDE W1-W4'S.

LESS THAN HALF OF ONE PERCENT.
 NOT APPLICABLE.
 PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

TABLE III-33

FREQUENCY OF COCAINE USE DURING PAST 30 DAYS--REGION: CONUS (PERCENTAGE OF POPULATION)\*\*

TOTAL DOD ARMY NAVY
00++++ 4 4 6 6 6 9 3 3 3 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
3000++8
0000000 000000000000000000000000000000

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF COCAINE USE
DURING PAST 30 DAYS.--REGION: EUROPE
(PERCENTAGE OF POPULATION)\*\* TABLE III-34

PAY GRADE/				301	
FREQUENCY	TOTAL	ARMY	>>\$N	MARINE	AIR FORCE
t + 6 A					
TOTAL	5	5	\$	•	9
EVERY DAY	+	+	0	•	-
AYS A	+	+	0	•	0
DAYS A WEEK	-	-	-	•	+
DAYS A WEEK.	-	-	-	•	+
S THAN ONCE A W	7	6	-	•	-
NOT AT ALL	96	95	97	•	86
E6-E9					
TOTAL	8	8	8	٠	8
EVERY DAY	+	+	0	٠	0
AYS A W	0	0	0	•	0
3-4 DAYS A WEEK	0	0	0	•	0
1-2 DAYS A WEEK	0	0	0	•	0
S	0	0	0	•	0
NOT AT ALL	8	\$	8	٠	8
01-03					
	8	8	8	٠	ş
Y DAY	0	0	0	•	0
DAYS A	0	0	0	•	0
DAYS A	0	0	0	*	0
DAYS A WEEK.	0	0	0	•	0
E	0	0	0	•	0
NOT AT ALL	8	\$	8	•	8
04-06					
	\$	ı	\$	•	\$
RY DAY	0		0	4	0
DAYS A	0		0	•	0
DAYS A	0		٥	٠	0
DAYS A WEEK.	0		0	•	0
¥ į	0		0	*	0
NOT AT ALL	<u>\$</u>	_	\$	•	\$

LESS THAN HALF OF ONE PERCENT.
LESS THAN 30 RESPONDENTS.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE 111-35

FREQUENCY OF COCAINE USE
DURING PAST 30 DAYS--REGION: PACIFIC
(PERCENTAGE OF POPULATION)\*\*

FREQUE FREQUE RAY DAYS RAY DAY				SER	SERVICE	
FEST	PAY GRADE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR
EVERY DAY  5-6 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-3 DAYS A WEEK  1-4 DAYS A WEEK  1-5 DAYS A WEEK  1-6 DAYS A WEEK  1-7 DAYS A WEEK	<b>60</b>					
EVERY DAY  5-6 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-3 DAYS A WEEK  1-4 DAYS A WEEK  1-5 DAYS A WEEK  1-6 DAYS A WEEK  1-7 DAYS A WEEK	TOTAL	8	\$	\$	0	8
1-2 DAYS A WEEK. 1 1-1-2 DAYS A WEEK. 3 1-4 DAYS A WEEK. 3 1-7 DAYS A	RY DAY	+	+	+	+	+
3-4 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.  1-8 DAYS A WEEK.  1-9 DAYS A W	DAYS A WEEK	+	+	+	-	0
1-2 DAYS A WEEK 1 1-2 DAYS A WEEK 3 3 3 1-2 DAYS A WEEK 3 3 3 4 DAYS A WEEK 0 1-2 DA	DAYS A WEEK	-	-	~	-	0
LESS THAM DINCE A WEEK 3 3 4 95 NOT AT ALL.  F. 94 95 95 100 100 100 100 100 100 100 100 100 10	DAYS A WEEK	-	-	e	-	+
NOT AT ALL.  1-E9  EVERY DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.  1-8 DAYS A WEEK.  1-9 DAYS	THAN DNCE A	6	၈	ın	ഗ	+
1-E9  TOTAL  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-3-4 DAYS A WEEK  1-4 DAYS A WEEK  1-5-6 DAYS A WEEK  1-7 DA	¥	94	92	68	92	66
FUEDAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- E-0					
5-6 DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTAL	8	8	\$	8	<u>\$</u>
5-6 DAYS A WEEK. 0 0 0 1-2 DAYS A WEEK. 0 0 0 1-2 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RY DAY	+	0	-	0	0
3-4 DAVS A WEEK. 0 0 1-2 DAVS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A	0	0	0	0	0
LESS THAM ONCE A WEEK. 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DAYS A	0	0	0	0	0
LESS THAM DINCE A WEEK. 1  NOT AT ALL. 99 99  TOTAL 100 100  S-6 DAYS A WEEK 0  LESS THAN DINCE A WEEK 0  LESS THAN DINCE A WEEK 0  LESS THAN DINCE A WEEK 0  LESS THAN DINCE A WEEK 0  LESS THAN DINCE A WEEK 0  LESS THAN DINCE A WEEK 0  LESS THAN DINCE A WEEK 0  LESS THAN DINCE A WEEK 0  LESS THAN DINCE A WEEK 0  TOTAL 100 100  S-6 DAYS A WEEK 0  3-4 DAYS A WEEK 0  3-4 DAYS A WEEK 0  3-4 DAYS A WEEK 0  3-5 DAYS A WEEK 0  3-6 DAYS A WEEK 0  3-7 DAYS A WEEK 0  3-7 DAYS A WEEK 0  3-8 DAYS A WEEK 0  3-9 DAYS A WEEK 0  3-1 DAYS A WEEK 0  3-1 DAYS A WEEK 0  3-1 DAYS A WEEK 0	DAYS A WEEK	0	0	0	0	0
MDT AT ALL.  103 104 105 107 107 107 107 107 107 107 107 107 107	THAN DNCE A	-	-	-	0	-
107 100 100 100 100 100 100 100 100 100	¥	66	66	66	8	66
EVERY DAY. 100 100 100 100 100 100 100 100 100 10	-03					
5-6 DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		8	8	8	ı	<u>5</u>
5-6 DAYS A WEEK. 0 0 1-2 DAYS A WEEK. 0 0 0 1-2 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAY	0	0	0		0
1-2 DAYS A WEEK. 0 0 1-2 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS	0	0	0		0
1-2 DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS	0	0	0		0
NOT AT ALL.  NOT AT ALL.  100 100 100 100 100 100 100 100 100 1	JAYS A WEEK	0 (	0	0		0
TOTAL 100 100 100 100 100 100 100 100 100 10	AT ALL	٥ ۽	၁ ဋ	۶ و		9
TOTAL	90	3	3	3		3
PAYS A WEEK. O DAYS A WEEK. O DAYS A WEEK. O	TOTAL	8	8	ı	1	001
DAYS A WEK 0 DAYS A WEK	٥	0	0			0
DAYS A WEEK	DAYS A	0	0			0
DAYS A WEFK	DAYS A	0	0			0
	DAYS A	0	0			0
S THAN ONCE A WEEK O	THAN ONCE A	0	0			0
	¥	8	8			<u>5</u>

+ + :

LESS THAM HALF OF ONE PERCENT.
LESS THAM 30 RESPONDENTS.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE III-36

FREQUENCY OF COCAINE USE DURING PAST 30 DAYS--REGION: OTHER LOCATIONS

			SER	SERVICE	
PAY GRADE/ FREQUENCY	TOTAL DOD	ARMY	NAVY	MARINE	AIR FORCE
E1-E5					
TOTAL	8	8	\$	*	8
EVERY DAY	+	٥	0	*	+
DAYS A	+	0	-	•	0
DAYS A	+	-	0	#	+
DAYS A WEEK.	-	က	0	*	+
E.	6	ស	-	*	7
NOT AT ALL	95	92	86	•	97
E6-E9					
TOTAL	8	8	\$	*	8
Y DAY	0	0	0	*	0
DAYS A	0	0	0	*	0
DAYS A	0	0	0	*	0
¥	+	-	0	*	0
ın.	0	0	0	*	0
NOT AT ALL	\$	66	\$	*	8
01-03					
TOTAL	\$	1	1	*	'
EVERY DAY	0			*	-
DAYS A	0			*	
⋖	0			*	
⋖	0			•	
0	0			*	
	8			*	
TOTAL	\$	ı	1	*	ı
EVERY DAY	0			*	
5-6 DAYS A WEEK	0			•	
DAYS A	0			*	
•	0			•	
U ONCE A W	0				

LESS THAN HALF OF ONE PERCENT. LESS THAN 30 RESPONDENTS. NOT APPLICABLE. PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

Nonmedical Use of Amphetamines or Other Uppers
Current Use

Prevalence rates for nonmedical use of amphetamines or other uppers in the past 30 days are depicted in Table III-17.

Current Use - Worldwide

Worldwide, 6 percent of the respondents reported nonmedical use of amphetamines or other uppers within the past 30 days. Current use rates were substantially higher among El-E5 enlisted personnel (9 percent) than among other pay grade groups (E6-E9, 1 percent; officers, <0.5 percent).

Current Use - Regional and Sub-Regional

The current use rate for personnel stationed in CONUS was slightly higher (7 percent) than rates in overseas locations (Europe, 5 percent; Pacific and Other Locations, 4 percent).

Among E1-E5 enlisted personnel in the various subregions, current nonmedical use of amphetamines or other
uppers was most prevalent (11 percent) in CONUS-East (Table

### unual Use

The prevalence rates for nonmedical use of amphetamines or other uppers within the past 12 months are presented in Tables III-39 and III-40.

Annual Use - Worldwide

Worldwide, 13 percent of the military personnel reportion nonmedical use of amphetamines or other uppers within the

BURT ASSOCIATES INC BETHESDA ND P/6 6/5
HORLDWIDE SURVEY OF NONEDICAL DRUG USE AND ALCOHOL USE ARONG M-ETC(U)
NOV 80 M R BURT, M M BIEGEL, Y CARMES MDA903-79-C-0667 AD-A093 880 UNCLASSIFIED 2 or 4 AD A093860

POPULATION USING AMPHETAMINES OR OTHER UPPERS DURING PAST 30 DAYS (PERCENTAGE) TABLE III-37

			SER	SERVICE	
GEDGRAPHICAL REGION/PAY GRADE	TOTAL DOD	ARMY	NAVY	MARINE	AIR FORCE
CONUS					
TOTAL	7	9	12	o	9
E1-E5	ō	80	11	=	4
E6-E9	-	-	-	-	-
01-03	00	00	00	00	00
FURDPE	>	>	•	>	>
TOTAL	KD.	9	е	٠	7
E1-E5	7	6	ED.	•	က
E6-E9.	-	-	0	•	0
01-03	+	0	6	*	0
04-06	0	•	0	•	0
TACIFIC	•	,	•	•	•
T-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	4 u	שפ	4 1-	4 (	
E6-E9	+	• 0	۰ ٥	<b>-</b>	-
01-03	-	8	-	ı	-
	+	0	,	,	2
OTHER LOCATIONS	,				,
101AL	4 (	91	41	• 1	0.0
EG-F9	0 +		~ c		٧ (
	0	٠,	) 1	•	۰ ۱
04-06	0	,	ı	•	,
TOTAL WORLDWIDE					
TOTAL	9	9	5	80	9
E1-E5.	Ø	80	t t	õ	4
E6-E9.	-	-	-	_	-
<b>21-24</b>	ο.	0	0	ι (	•
01-03	+ -	+ (	+ •	0	+
	+	0	0	0	+

LESS THAN HALF OF ONE PERCENT. LESS THAN 30 RESPONDENTS. NOT APPLICABLE.

NOTE: REGIONAL TOTALS INCLUDE W1-W4'S.

POPULATION OF E1-E5'S USING AMPHETAMINES OR OTHER UPPERS DURING PAST 30 DAYS (PERCENTAGE) TABLE III-38

			SER	SERVICE	
GEOGRAPHICAL REGION	TOTAL DOD	ARMY	NA V	MARINE	AIR FORCE
SONOS					
TOTAL	ō	•	17	=	4
EAST	Ξ	· 6	15	4-	es.
KEST	თ	9	21	9	4
		_			
TOTAL	7	6	ı,	•	ტ
GERMANY	80	6	*	٠	4
ITALY	4	*	4	*	•
ENGL AND	8	•	١	*	2
SPAIN	ß	•	ı,	*	S.
PACIFIC					
TOTAL	ဖ	9	7	9	4
HAWAII	9	9	_	9	-
UAPAN	ហ	7	6	g	~
KOREA	7	80	*	*	9
PHILIPPINES	9	•	9	•	~
GUAM	e	•	6	•	•
OTHER LOCATIONS					
TOTAL	g	7	^	•	2
PANAMA CANAL	တ	6	•	•	•
ALASKA	4	9	*	•	2
GUANTANAMO BAY	7	•	7	٠	•
	Ć	•		· ·	_
TOTAL WORLDWIDE	n	20	2	2	4

- LESS THAN 30 RESPONDENTS. \* NOT APPLICABLE.

POPULATION USING AMPHETAMINES OR OTHER UPPERS DURING PAST 12 MONTHS (PERCENTAGE) TABLE III-39

			SER	SERVICE	
GEOGRAPHICAL REGION/PAY GRADE	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
COMUS					
TOTAL	13	12	21	50	ນ
E1-E5	20	17	30	27	6
E6-E9	8	-	က	~	-
01-03	-	7	+	-	+
04-06	+	0	0	რ	0
EUROPE					
T0TAL	=	12	6	•	9
E1-E5	t5	18	13	•	9
E6-E9	-	-	ស	•	0
01-03	+	0	ღ	•	0
04-06	0	•	0	*	0
PACIFIC					
TOTAL	ō	7	9	£	7
E1-E5	£	12	<b>6</b> 9	50	ō
E6-E9	+	+	0	-	-
01-03	-	2	-	ı	-
	-	0	1	,	4
OTHER LOCATIONS					
T0TAL	12	4	4	•	4
E1-E5.	17	<del>1</del>	24	•	9
E6-E9.	81	S	-	•	0
01-03	0	,	•	•	•
04-06	0	1	1	•	ı
TOTAL WURLDWIDE					
TOTAL	<del>1</del> 3	12	19	6	9
E1-E3	6	17	28	25	<b>o</b>
E6-E9	7	-	ო	~	-
M1-W4	0	0	0	,	•
01-03	-	2	+	-	+
04-06	+	0	0	е	•

LESS THAN HALF OF ONE PERCENT. LESS THAN 30 RESPONDENTS. NOT APPLICABLE.

REGIONAL TOTALS INCLUDE W1-W4'S. NOTE:

POPULATION OF E1-E5'S USING AMPHETAMINES OR OTHER UPPERS DURING PAST 12 MONTHS (PERCENTAGE) TABLE III-40

			SER	SERVICE	
GEOGRAPHICAL REGION	TOTAL	ARMY	NA V	MARINE	AIR FORCE
CONUS					
TOTAL	50	11	30	27	a
EAST	20	11	28	27	ð
WEST	<b>2</b>	18	34	26	7
EUROPE					
TOTAL	: 5	18	13	*	9
GERMANY	1	<b>6</b>	*	•	o
ITALY	=	•	Ξ	*	•
ENGL AND	6 	•	1		60
SPAIN		*	91	•	12
PACIFIC					
TOTAL	5	12	18	20	9
HAWAII	<b>9</b>	13	21	17	၈
JAPAN	÷ 16	9	8	22	ō
KOREA	E	<del>-</del>	•	•	12
PHILIPPINES	-2	*	13	•	=
GUAM.	=	•	=	•	*
OTHER LOCATIONS					
TOTAL	11	6	24	•	9
PANAMA CANAL	£	61	•	•	•
ALASKA		19	*		g
GUANTANAMO BAY	24	•	24	•	•
		!	,		•
TOTAL WORLDWIDE	<u>6</u>	17	28	25	on .

- LESS THAN 30 RESPONDENTS. \* NOT APPLICABLE.

past 12 months. Patterns of annual use among the pay grade groups were similar to those reported for current use of these drugs. Worldwide rates for E1-E5 personnel (19 percent) greatly exceeded those for the E6-E9 group (2 percent), junior officers (1 percent) and senior officers (<0.5 percent).

# Annual Use - Regional and Sub-Regional

Annual use rates for all military personnel by region varied only slightly: CONUS, 13 percent; Europe, 11 percent; Pacific, 10 percent; Other Locations, 12 percent.

Among E1-E5 personnel, annual nonmedical use of amphetamines or other uppers was more prevalent (24 percent) in Guantanamo Bay than in any other sub-region (Table III-40). Frequency of Current Use

About 3 percent of the respondents, worldwide, reported they had used amphetamines or other uppers nonmedically either weekly or more frequently than weekly within the past 30 days (Table III-41). Regional variations also were slight (CONUS and Europe, each about 3 percent; Pacific and Other Locations, each about 2 percent). Frequency figures by pay grade groups and region are displayed in Tables III-42 through III-45.

FREQUENCY OF AMPHETAMINE OR OTHER UPPER USE DURING PAST 30 DAYS.--TOTAL DOD (PERCENTAGE OF POPULATION)\*\* TABLE III-41

REGION/ FREQUENCY  ILL  Y DAYS A WEEK  DAYS A WEEK  THAN ONCE A WEEK  AT ALL  Y DAY	100 100 100	ARMY	,4Av	MARINE	AIR
V DAY DAYS A WEEK DAYS A WEEK THAN A WEEK AT ALL	8+			CORPS	FORCE
Y DAY. OAYS A WEEK. DAYS A WEEK. THAN ONCE A AT ALL.	8+				
Y DAY. DAYS A WEEK DAYS A WEEK THAN ONCE A AT ALL Y DAY.	+	8	9	8	8
DAYS A WEEK DAYS A WEEK DAYS A WEEK THAN ONCE A AT ALL		+	+	٠	•
DAYS A WEEK. DAYS A WEEK. THAN ONCE A AT ALL.	+	+	-	•	•
DAYS A WEEK. THAN ONCE A AT ALL	-	+	-	-	•
THAN ONCE A AT ALL	7	-	6	6	•
AT ALL. V. DAY	4	6	9	4	7
L	66	40	88	-6	97
Y DAY.	0	,	Ş	•	
	3.	ğ .	3 1		3 .
A 27 A C	+ 1	٠.	٠ ،		• •
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2 4 4 5	- ,	- •	٠ -		• •
٠,	- (	- (	- ‹		۰ ،
MOT AT ALL	7 8	7 6	7 98		7 80
	C D	đ n	<u></u>		0
TOTAL	5	5	20	5	100
	} +	+	+	+	) + }
5-6 DAYS A WEEK	+	+	+	•	0
WEEK	+	+	-	-	0
1-2 DAYS A WEEK	-	-	-	-	-
‡ S	7	-	64	၈	3
	96	97	96	95	97
OTHER LOCATIONS		;			
	8 1	<u>0</u> 1	<u>3</u> 1		8 9
SI-6 DAYS A KFFK		• •	· c	•	- c
DAYS A WEEK.	+	-	0	•	0
1-2 DAYS A WEEK	-	7	-	•	-
S	7	7	8	•	-
	96	94	97	•	86
TOTAL WORLDWIDE	-				
TOTAL	8	8	<u>\$</u>	8	8
Y DAY	+	+	•	•	•
DIS DAYS A WEEK	+ -	+ •		• •	•
DAVA A	- ،	- •	- (		• •
T NAHL Y	<b>,</b>	- (	טני	7 4	۰ ،
T ALL	7 6	7 6	9	6	7 6
ī	t n	a n	À	76	ñ

+ LESS THAN HALF OF ONE PERCENT.
• NOT APPLICABLE.
•\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

NOTE: FIGURES INCLUDE W1-W4'S.

TABLE III-42
FREQUENCY OF AMPHETAMINE OR OTHER UPPER USE
DURING PAST 30 DAYS--REGION: CONUS
(PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
PAY GRADE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR
E1-E5 TOTAL	100	8	100	001	001
Y DAY.	+	+	<b>;</b> +	+	+
5-6 DAYS A WEEK	<b>*</b> •		<b>-</b> c	<b></b> (	+ +
DAYS A	- ღ	- 2	4 (0	4 IC	, <del>-</del>
S THAN ONCE A	9	5	60	2	В
FC-FO	<b>06</b>	91	83	87	96
9	8	8	5	8	90
EVERY DAY	+	0	+	0	0
5-6 DAYS A WEEK	+	0	+	0	0
DAYS A	+	+	*	٥	0
DAYS A WEEK.	+	0	*	0	+
Ξ	+	+	+	-	-
-	66	66	66	66	66
101-03	Ş	5	ξ	٤	5
EVERY DAY	30	? 0	30	30	30
AYS A	0	0	0	0	0
DAYS A	0	0	0	0	0
DAYS A WEEK	0	0	0	0	0
÷	0	0	0	0	0
NOT AT ALL	8	8	8	8	8
•	5	60	Ş	90	ç
EVERY DAY	0	0	0	0	30
AYS A W	0	0	0	0	0
DAYS A	0	0	0	0	0
DAYS A WEEK	0	0	0	0	0
Ξ	0	0	0	0	0
NOT AT ALL	8	8	<del>1</del> 00	8	\$

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE III-43

FREQUENCY OF AMPHETAMINE OR OTHER UPPER USE DURING PAST 30 DAYS--REGION: EUROPE (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
PAY GRADE/ FREQUENCY	T0TAL D00	ARMY	NAVY	MARINE	AIR FORCE
15 to 1					
TOTAL	8	8	8	¥	5
EVERY DAY	-	-	-	*	+
AVS A	-	+	-	•	•
DAYS A	-	7	+	•	•
DAYS A WEEK.	- (	<b>-</b>	7	• •	+ (
NOT AT ALL	າຕ	92	94	•	16
	}	1	·		•
	8	\$	\$	•	8
EVERY DAY	0	0	0	•	0
5-6 DAYS A WEEK	0	0	0	•	0
NS A	0	0	0	*	0
DAYS A WEEK	+	+	0	•	0
<u>+</u>	-	<u>-</u>	0	•	0
	66	66	ş	•	ر و
01-03					
TOTAL	8	8	8	•	8
Y DAY	0 (	0 (	0 (	• •	0 (
3-4 DAVS A WEEK	- c	00	0 6	• •	<b>o</b> c
DAYSA	0	0	0	•	0
ESS THAN ONCE A W	+	0	, m	•	0
NOT AT ALL	8	8	97	•	8
04-06					
	8	•	<del>5</del>	•	8
Y DAY	0		0	•	0
⋖ ·	0		0	•	0
3-4 DAYS A WEEK	0 0		0 (	• •	0 (
C THAN O	- c		<b>o</b> c	•	<b>&gt;</b> C
AT ALI	2		ع د	•	ع د
į	2		3		3

LESS THAN HALF OF ONE PERCENT.
LESS THAN 30 RESPONDENTS.
NOT APPLICABLE
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

<sup>+ 1 • ‡</sup> 

TABLE III-44

FREQUENCY OF AMPHETAMINE OR OTHER UPPER USE DURING PAST 30 DAYS--REGION: PACIFIC (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
PAY GRADE/ FREQUENCY	TOTAL DOD	ARMY	Y > A N	MARINE	AIR
1 to 1 to 1 to 1 to 1 to 1 to 1 to 1 to					
-	8	8	8	8	90
EVERY DAY	+	+	-	+	+
AYS A	+	+	+	-	0
A WEEK.	-		-	-	0
DAYS A	-	7	8	-	-
S THAN ONCE A W	က	2	4	ო	6
NOT AT ALL	94	94	66	94	96
E6-E9					
•	8	8	8	8	8
Y DAY	0	0	0	0	0
4	0	0	0	0	0
DAYS A	၀	0	0	0	0
1-2 DAYS A WEEK	0	0	0	0	0
Ės	-	0	0	-	7
NOT AT ALL	66	8	8	66	86
01-03					
•	8	Š	8	ŀ	8
Y DAY	0	0	0		0
DAYSA	0	0	0		0
DAYS A	0	0	0		0
JAYS A WEEK.	•	-	0		0
Ξ	_	+	-		-
NOT AT ALL	66	<b>8</b> 6	66		66
TOTAL	Ş	ξ		,	٤
> <b>*</b>	3 0	3 °			3 9
	- ·	o c			> 0
۷	> 0	o c			> 0
DAYSA	0	0	_		S C
LESS THAN DNCE A WEEK.	+	0			. 6
AT ALL	8	8			86
	}	}	•		3

+ ( \*

LESS THAN HALF OF ONE PERCENT. LESS THAN 30 RESPONDENTS. PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE III-45

FREQUENCY OF AMPHETAMINE OR OTHER UPPER USE DURING PAST 30 DAYS--REGION: OTHER LOCATIONS (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
PAY GRADE/ FREQUENCY	TOTAL DOD	ARMY	NA V	MARINE	AIR
E1-E5		•			
TOTAL.	<del>1</del> 0	8	8	*	8
FVERY DAY	+ +		<del>-</del> c	• •	o <del>-</del>
DAYS A	-	- 71	0	٠	- 0
DAYS A WEEK.	0.0	e (	8	• (	
NOT AT ALL	9 6	7 66	. 90 . 40	• •	16
	<u>\$</u>	8,	<u>\$</u>	* 1	<u>\$</u> (
RVERY DAY	<b>o</b> c	<b>o</b> c	00	• •	0
( ∢	. 0	0	0	•	) S
DAYS A	0	0	0	•	0
S II	+	-	0	*	0
	8	66	8	*	8
01-03 TOTAL	8	,	•	•	ŧ
EVERY DAY	0			*	
⋖ ·	0			•	
3-4 DAYS A WEEK	00			• •	
S THAN 0	0			•	
NOT AT ALL	8			•	
TOTAL	90	,		•	,
EVERY DAY	0			•	
DAYS A	0		-	•	
-4 DAYS A	0			•	
1-2 DAYS A WEEK	0 0			• •	
AT ALL.	8			• •	

LESS THAN HALF OF ONE PERCENT.
LESS THAN 30 RESPONDENTS.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

## Nonmedical Use of Tranquilizers

# Current Use

The prevalence rates for nonmedical use of tranquilizers within the past 30 days appear in Tables III-46 and III-47.

#### Current Use - Worldwide

Only 2 percent of the military personnel worldwide reported any nonmedical use of tranquilizers within the past 30 days. Current use rates were low also among the E1-E5 pay grade group (3 percent).

# Current Use - Regional and Sub-Regional

Current prevalence rates were 2 percent in each of the four regions. Sub-regional rates for E1-E5 personnel ranged from 1 percent (England) to 7 percent (Italy).

# Annual Use

Annual prevalence rates for nonmedical use of tranquilizers are depicted in Tables III-48 and III-49.

#### Annual Use - Worldwide

Worldwide, 6 percent of the military personnel reported nonmedical use of tranquilizers within the past 12 months.

The annual use rate among El-E5 personnel (8 percent) was substantially higher than rates for other pay grade groups (1 percent or less per group).

# Annual Use - Regional and Sub-Regional

Annual rates by region varied only slightly: CONUS and Europe, each 6 percent; Pacific, 5 percent; Other Locations, 4 percent.

POPULATION USING TRANQUILIZERS DURING PAST 30 DAYS (PERCENTAGE) TABLE III-46

GEOGRAPHICAL REGION/PAY GRADE CONUS TOTAL E1-E5 E6-E9 01-03 01-03 E1-E5 E6-E9 01-03 01-03 01-03 01-03 01-03 01-03 01-03 01-03 01-03	101AL 0000 22 13 4	ARM 4	ν × ε4400 ε	MARINE CORPS 2 3 3	PATR FORCE
F 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	00-+0 0n+	Nm++0	m4400 m	NM00C	000 -
F F F F F F F F F F F F F F F F F F F	Nm-+0 Nm+	N M + + O	m4000 m	NM00C	000 -
IN D P W J W D P W	m-+0 0m+	m + + 0	4000 m	mooc ••	-000 -
തെന്ധ ചമതന്യ	-+0 86+	++0	. 000 B	00C · ·	000 -
യു ചരിച്ചു പ	+0 00+	+ 0	00 m	oc ••	00 <del>-</del>
<b>м</b> ч ч ч ч ч ч ч ч ч ч ч ч ч ч ч ч ч ч ч	0 00+	0	0 8	с ••	o <del>-</del>
J w o w o	7 m +			• •	<del>-</del>
16.00.00	+ 3.5		က	• •	-
	m +	ო		•	
	+	4	ស		7
		0	0	•	-
04-06	0	0	0	•	0
	+	,	0	•	-
PACIFIC					
TOTAL	7	7	7	6	-
E1-E5	<b>е</b>	4	4	е	-
E6-E9	+	0	0	-	0
01-03	0	0	0	'	0
04-06	0	0	,	,	0
OTHER LOCATIONS					
TOTAL	7	m	e	•	0
E1-E5	m ·	4	4	•	0
E6-E9	-	7	0	•	0
01-03	m ·	1	,	•	
04-06	0	ı	1	•	
TOTAL WORLDWIDE					
T01AL	7	7	n	7	-
E1-E5	၉	က	7	6	-
63-93	+	+	-	•	•
W1-W4	0	0	0		•
01-03	+	+	•	0	0
04-06	0	0	0	0	c

+ LESS THAN HALF OF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
• NOT APPLICABLE.

NOTE: REGIONAL TOTALS INCLUDE W1-W4'S

TABLE III-47
POPULATION OF E1-E5'S USING TRANQUILIZERS
DURING PAST 30 DAYS
(PERCENTAGE)

			SER	SERVICE	
GEOGRAPHICAL REGION	TOTAL	ARMY	NAVY	MARINE	A1R FORCE
CONUS					
TOTAL	m	6	4	6	-
EAST	ღ	m	S	4	2
WEST	8	<b>е</b>	4	5	-
EUROPE					
TOTAL	6	4	S	•	7
GERMANY	4	4	•	٠	7
ITALY	7	•	7	•	•
ENGL AND.	-	•	,	٠	-
SPAIN	7	•	6	•	-
PACIFIC					
TOTAL	က	4	4	9	-
HAWAII	ო	6	7	4	٥
JAPAN	ო	6	9	6	-
KOREA	က	S	•	٠	-
PHILIPPINES	7	•	7	٠	7
GUAM	ភ	•	S	•	•
OTHER LOCATIONS					
TOTAL	<sub>CD</sub>	4	4	•	0
PANAMA CANAL	4	4	•	•	•
ALASKA	7	4	•		0
GUANTANAMO BAY	4	•	4	•	•
TOTAL WORLDWIDE	m	c	-3	m	-

- LESS THAN 30 RESPONDENTS. \* NOT APPLICABLE.

POPULATION USING TRANQUILIZERS DURING PAST 12 MONTHS (PERCENTAGE) TABLE III-48

			SER	SERVICE	
GEOGRAPHICAL REGION/PAY GRADE	T07AL 000	ARMY	NAVY	MARINE	AIR
CONUS					
TOTAL	y.	S.	2	7	2
- H	• •	7	£	0	e
E6-E9	_	+	2	0	-
01-03	-	-	+	, m	-
04-06	•	٥	+	0	0
EUROPE					•
TOTAL	9	7	ī,	•	e
E1-E5.	<b>c</b> o	ç	7	•	4
E6-E9	+	+	0	*	-
01-03.	-	0	7	•	-
04-06.	• -	'	0	•	-
PACIFIC					
TOTAL	D	4	ø	9	6
E1-E5	_	7	õ	80	4
E6-E9.	-	-	+	7	•
01-03	-	+	-	,	4
04-06	<u>+</u>	0	,	,	2
OTHER LOCATIONS					
TOTAL	4	۲	4	•	7
	9	<b>ao</b> 1	ır.	•	7
E6-E9.	<del>-</del> :	<u>د</u>	0	•	O
01-03	<u>ء</u>	1	1	•	
04-06	0	ı	,	•	
TOTAL WORLDWIDE					
TOTAL	9	ഗ	6	7	2
E1-E5.	<b>60</b>	60	13	6	e
E6-E9.	<u>-</u>	-	7	-	-
W1-W4	+	*	0		•
01-03.	<u>-</u>	<b>-</b>	-	7	7
04-06	+	0	•	0	•

LESS THAN HALF OF ONE PERCENT LESS THAN 30 RESPONDENTS NOT APPLICABLE

NOTE: REGIONAL TOTALS INCLUDE W1-W4'S.

TAELE III-49

POPULATION OF E1-E5'S USING TRANQUILIZERS DURING PAST 12 MONTHS (PERCENTAGE)

			SER	SERVICE	
GEOGRAPHICAL REGION	TOTAL	ARMY	NAV	MARINE	AIR
COMOS					
TOTAL	æ	^	13	9	٣.
EAST	ø	_	-	=	4
WEST	7	<b>a</b> o	=	ი	m
EUROPE					
TOTAL	80	ç	7	•	4
GERMANY	တ	9	•	•	6
ITALY	თ	•	o	•	•
ENGL AND	ß	•	•	•	ın
SPAIN	4	•	ıs	•	<u>ო</u>
PACIFIC					
T0TAL	7	7	0,	80	4
HAWAII	7	-C	=	9	~
UAPAN	7	y	=	6	4
KOREA	ø	60	•	٠	က
PHIL IPPINES	ဖ	•	9	•	9
GUAM	12	•	12	•	•
OTHER LOCATIONS					
TOTAL	9	60	ى ئ	•	8
PANAMA CANAL	7	7	٠	•	•
ALASKA	ß	6	•	•	8
GUANTANAMO BAY	ß	•	ss.	•	•
TOTAL WORLDWIDE	œ	60	13	6	

- LESS THAN 30 RESPONDENTS. \* NOT APPLICABLE.

Among E1-E5 personnel, annual nonmedical use of tranquilizers was more prevalent in Guam (12 percent) than in any other sub-region.

# Frequency of Current Use

Less than 2 percent of the military personnel worldwide reported any nonmedical use of tranquilizers on a weekly or more frequent basis within the past 30 days (Table III-50). The frequency figures for pay grade groups and regions appear in Tables III-51 through III-54.

FREQUENCY OF TRANQUILIZER USE DURING PAST 30 DAYS--TOTAL DOD (PERCENTAGE OF POPULATION)\*\* TABLE III-50

			SER	SERVICE	
REGION/ FREQUENCY	101AL DOD	ARMY	NAV	MARINE	AIR
CONUS					
TOTAL	6	8	8	Š	8
	+	+	+	•	•
5-6 DAYS A WEEK	•	+	+	٠	0
_	•	+	•	-	•
WEEK .	-	+	-	-	•
THAN ONCE A WE	-	-	7	-	+
NOT AT ALL	86	86	97	97	66
EUROPE	,		9		
TOTAL	<u>3</u> -	3 -	3 0	•	3 -
		• •	<b>.</b>	• •	٠ (
5-6 UAYS A WEEK	•		۰ د		0
_	٠.	. •	• •		> +
ECC THAN D					• •
	- a	70	7 6	•	0
į	;	;	<u>,                                     </u>		)
TOTAL	001	8	8	8	8
EVERY DAY	+	•	+	٠	+
_	+	•	+	•	0
WEEK.	+	+	+	٠	•
	+	+	•	-	•
S.	-	-	-	7	-
	86	86	86	97	66
DIMER LOCATIONS					
TOTAL STATES	8	<u>8</u>	<u>o</u> .	• •	8.
FURN CAN A EFFEK	٠ ٠	0 0	• •	•	o 6
	• •	> +			<b>.</b>
. <b>4</b>	. <b>-</b>	. <b>.</b>	+ (	•	
ESS THAN 0	-	_	2	•	0
	86	16	96	٠	8
TOTAL	8	8	8	8	0
Y CAY.	٠	•	•	٠	•
DAYS A	•	+	+	٠	0
DAYSA	•	+ ·	•	•	•
1-2 DAYS A WEEK	- •	- ,	- (		•
TANK CIRCLE A	- 6	- 6	7 6		• 6
	0	8	6	2	5

+ LESS THAN HALF OF ONE PERCENT
• NOT APPLICABLE.
• PERCENTS MAY NOT ADD TO TOO DUE TO ROUNDING

NOTE FIGURES INCLUDE W1-W4'S

TABLE III-51

FREQUENCY OF TRANQUILIZER USE DURING PAST 30 DAYS--REGION: CONUS (PERCENTAGE OF POPULATION)\*\*

PAY GRADE/ FREQUENCY			i	35.4.1.6.	
	T0TAL D0D	ARMY	NAV Y	MARINE	AIR FORCE
E1-E3					
	\$	\$	8	\$	8
RY DAY	+	+	•	+	+
DAYS A	+	+	•	+	0
DAYS A	+ ·	+ ·	+ ·	-	•
1-2 DAYS A WEEK		- ‹	- (	- •	+ •
AT ALL	26	97	9 15	- 96	- o
;	;	; 	3	)	)
	8	8	8	8	8
DAY.	+	0	+	0	0
NS A	+	0	+	0	0
DAYS A	+	0	+	0	0
DAYS A WEEK	+	0	-	0	•
S	+	0	+	0	0
	66	8	86	8	\$
01-03		,			
	86	<u>8</u> °	<u>8</u> °	ş°	8,
FVEXY DAY	200	<b>5</b> 0	o 0	0 (	0 (
٠ 4	) C	o c	o c	<b>&gt;</b> C	
IVS A		+	0	0	0
S THAN ONCE A WE	0	0	0	0	0
NOT AT ALL	8	5	\$	8	<b>\$</b>
04-06					
TOTAL	8	8	8	8	8
Y DAY	0	0	0	0	0
⋖	0	0	0	0	0
DAYS A	0	0	•	0	0
DAYS A WEEK.	0 (	0 (	0 (	0	0
Ξ:	0	0 !	٥	0	0
NOT AT ALL	8	<u>8</u>	8	\$	\$

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE 111-52

FREQUENCY OF TRANQUILIZER USE DURING PAST 30 DAYS--REGION: EUROPE (PERCENTAGE OF POPULATION)\*\*

		,	SER	SERVICE	
PAY GRADE/ FREQUENCY	TOTAL DOD	ARMY	Y N W	MARINE	AIR FORCE
E - E 3					
TOTAL.	\$	8	8	•	<del>0</del>
VERY DAY.	+	+	C	•	+
-6 DAYS A	+		0.	•	0
G. G UATO A MERK	+ -	+ -		• •	o -
ESS THAN D			- 4	•	• •
T AT ALL	76	96	95	•	66
E6-E9					
TOTAL	8	8	8	٠	8
EVERY DAY	0	0	0	٠	0
AYS A	0	0	0	*	0
DAYS A	0	0	0	•	0
DAYS A WEEK	0	0	0	*	0
E	0	0	0	*	0
NOT AT ALL	8	\$	8	•	<u>\$</u>
01-03					
•	8	8	8	•	8
RY DAY.	0 (	0 (	0	•	0
3-4 DAYS A WEEK	0 0	00	00		0 0
10 DAYS A MERK			o c	•	0 0
STHAND	0	· c	0 0	•	o c
AT ALL.	. 8	, \$	, 8		5
04-06					) }
TOTAL	8	,	8	•	8
EVERY DAY	0		0	•	0
5-6 DAYS A WEEK	0		0	•	0
DAYS A	0		0	•	0
DAYS A WEEK.	0		0	•	0
E S	+		0	•	-
NOT AT ALL	\$		8	•	66

LESS THAN HALF OF ONE PERCENT.
LESS THAN 30 RESPONDENTS.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

FREQUENCY OF TRANQUILIZER USE DURING PAST 30 DAYS--REGION: PACIFIC (PERCENTAGE OF POPULATION)\*\*

FREQUENCY DOD ARMY NAVY MARINE AIR FREQUENCY DOD 100 100 100 100 100 100 100 100 100 10				SER	SERVICE	
F-E5  TOTAL  EVERY DAYS A WEEK  EVERY DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-3 DAYS A WEEK  1-4 + + + + + + + + + + + + + + + + + + +	PAY GRADE/ FREQUENCY	TOTAL	ARMY	NA V Y	MARINE	AIR FORCE
FUERY DAY  EVERY DAY  EVERY DAY  EVERY DAY  S - 6 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-3 DAYS A WEEK  1-4 DAYS A WEEK  1-5 DAYS A WEEK  1-5 DAYS A WEEK  1-6 DAYS A WEEK  1-7 DAYS A	1 .					
EVERY DAY  EVERY DAY  3-4 DAYS A WEEK  1-2 DAYS A WEEK  1-3 DAYS A WEEK  1-4 H	-	\$	8	901	8	8
5-6 DAYS A WEEK. + + + + + + + + + + + + + + + + + + +	DAY	+	+	+	+	+
3-4 DAYS A WEEK. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DAYS A	+	+	+	+	0
1-2 DAYS A WEEK 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DAYS A WEEK.	+	-	-	+	+
LESS THAN ONCE A WEEK.  97 96 96 96 97 96 96 96 97 96 96 96 97 96 96 96 97 96 96 97 96 96 97 96 96 97 96 97 96 97 96 97 96 97 96 97 96 97 96 97 96 97 96 97 96 97 96 97 96 97 96 97 96 97 96 97 96 97 96 97 96 98 96 98 96 98 97 96 98 97 96 98 97 96 98 97 96 98 97 96 98 97 96 98 97 96 98 97 96 98 97 97 98 97 97 97 97 97 97 97 97 97 97 97 97 97 9	DAYS A WEEK.	-	-	-	-	+
65-E9 TOTAL	S THAN ONCE A	7	7	8	~	-
6-E9 TOTAL  TOTA	ΑŢ	97	96	96	96	60
TOTAL.  FVERY DAY.  5-6 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A WEEK.  1-8 DAYS A WEEK.  1-9 DAYS A	œ					
EVERY DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-0 DAYS A WEEK.  1-0 DAYS A WEEK.  1-0 DAYS A WEEK.  1-1 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A	:	\$	\$	8	8	8
5-6 DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EY DAY	0	0	0	0	0
3-4 DAYS A WEEK 0 0 0 0 0 1-2 DAYS A WEEK 0 0 0 0 1-2 DAYS A WEEK 0 0 0 0 1-2 DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A	0	0	0	0	0
1-2 DAYS A WEEK. 0 0 0 0 1 1 1 1 2 1 1 2 1 2 1 2 1 2 1 2	DAYS A	0	0	0	0	0
LESS THAN ONCE A WEEK. + 0 100 100 100 100 100 100 100 100 100	DAYS A WEEK	0	0	0	0	0
1-03 1-03 1-03 1-03 1-04 1-05 1-05 1-05 1-05 1-05 1-05 1-05 1-05	THAN ONCE A	+	0	0	-	-
1-03 TOTAL  5-6 DAYS A WEEK  3-4 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-3 DAYS A WEEK  1-4 DAYS A WEEK  1-5 DAYS A WEEK  1-6 DAYS A WEEK  1-7 DAYS A WEEK  1-8 DAYS A WEEK  1-9 DAYS A WEEK  1-1 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  1-3 DAYS A WEEK  1-4 DAYS A WEEK  1-5 DAYS A WEEK  1-6 DAYS A WEEK  1-7 DAYS A WEEK  1-8 DAYS A WEEK  1-9 DAYS A WEEK  1-9 DAYS A WEEK  1-1 DAYS A WEEK  1-1 DAYS A WEEK  1-2 DAYS A WEEK  1-3 DAYS A WEEK  1-4 DAYS A WEEK  1-5 DAYS A WEEK  1-6 DAYS A WEEK  1-7 DAYS A WEEK  1-7 DAYS A WEEK  1-8 DAYS A WEEK  1-9 DAYS A WEEK  1-9 DAYS A WEEK  1-9 DAYS A WEEK  1-9 DAYS A WEEK  1-9 DAYS A WEEK  1-9 DAYS A WEEK  1-1 DAYS A WEEK  1-2 DAYS A WEEK  1-3 DAYS A WEEK  1-4 DAYS A WEEK  1-7 DAYS A	IT ALL	8	8	8	66	66
TOTAL.  5-6 DAYS A WEEK.  3-4 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A WEEK.  1-8 DAYS A WEEK.  1-9	÷					
EVERY DAY.  5-6 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A WEEK.		8	8	8	1	8
5-6 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Y DAY	0	0	0		0
3-4 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A WEEK.	0	0	0		0
1-2 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A WEEK.	0	0	0		0
LESS THAN DNCE A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A WEEK	0	0	0		0
4-06  4-06  TOTAL	S THAN ONCE A	0	0	0		0
4-06 TOTAL	NOT AT ALL	\$	\$	8		8
1 DAY. 100 100 100 100 100 100 100 100 100 10	4					
DAY   DAY		\$	8	,	,	<u>\$</u>
DAYS A WEEK	RY DAY	0	0			С
DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A WEEK.	0	0			0
DAYS A WEEK	DAYS A	0	၁			0
THAN DNCE A WEEK 0 0 0 AT ALL 100 100	DAYS A WEEK	0	0			0
AT ALL 100 100	THAN ONCE A	0	0			0
	ΑŢ	8	\$			8

<sup>+</sup> LESS THAN HALF OF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF TRANQUILIZER USE DURING PAST 30 DAYS--REGION: OTHER LOCATIONS (PERCENTAGE OF POPULATION)\*\*

<u>a</u>	(PERCENTAGE (	OF POPULATION)**	**(NOI	:	:
			SER	SERVICE	
PAY GRADE/ FREQUENCY	TOTAL	ARMY	NAV	MARINE	AIR FORCE
E1-E5 TOTAL	Ş	ŝ	Ğ	*	Ş
Y DAY.	<u>}</u> +	} °	} -	*	<b>?</b> •
5-6 DAYS A WEEK	+ +	0 -	- c	* *	00
DAYSA			> -	•	<b>&gt;</b> +
S THAN ONCE A W	2 5	~ 5	ကမ္မ	• •	0 5
Ē	ñ	ñ	n n		3
TOTAL	8	001	\$	•	<del>0</del>
•	0	0	0	•	0
5-6 DAYS A WEEK	0	0	0	•	0
<b>.</b>	0 (	0 (	0 (	• •	0 (
LESS THAN ONCE A WEEK	o -	۸ د	o c		0
	66	86	, §	•	\$
01-03					
TOTAL	5	ı	1	•	t
EVERY DAY.	0 0			• •	
DAYS	<b>&gt;</b> C			•	
DAYS A	0			•	
LESS THAN ONCE A WEEK.	e			•	
NOT AT ALL	97			•	
04-06					
TOTAL	8,	•	ı	•	
RVEKY DAY	0 0			• «	
DAYS	0			•	
DAYS A	0			*	
LESS THAN ONCE A WEEK.	0			•	
NOT AT ALL	8			•	

LESS THAN HALF DF DNE PERCENT.
LESS THAN 30 RESPONDENTS.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

+ + • :

Nonmedical Use of Barbiturates or Other Downers
Current Use

Prevalence rates for current nonmedical use of barbiturates or other downers for the various groups and regions are shown in Tables III-55 and III-56.

Current Use - Worldwide

The worldwide prevalence of current use of barbiturates or other downers was low (2 percent). The rate for the E1-E5 pay grade group was also low (3 percent).

Current Use - Regional and Sub-Regional

Current rates by region showed no variation (2 percent per region).

## Annual Use

The 12 month prevalence rates for use of barbiturates or other downers are presented in Tables III-57 and III-58.

## Annual Use - Worldwide

Six percent of the military personnel worldwide reported they had used barbiturates or other downers within the past 12 months. Among the different pay grade groups, the rate for the E1-E5 group (8 percent) was considerably higher than those for other groups (E6-E9, 1 percent; junior officers, 1 percent; senior officers, 0 percent).

Annual Use - Regional and Sub-Regional

Regional variances in annual use of barbiturates or other downers were slight: CONUS, 6 percent; Europe and the Pacific, each 5 percent; Other Locations, 4 percent.

POPULATION USING BARBITURATES OR OTHER DOWNERS DURING PAST 30 DAYS (PERCENTAGE) TABLE III-55

	(100)	(rencellinge)			
			SER	SERVICE	
GEOGRAPHICAL REGION/PAY GRADE	101AL 000	ARMY	NAV	MARINE	AIR FORCE
CONUS					
TOTAL	7	8	က	6	-
E1-E5	6	ო	ភ	4	-
E6-E9	+	0	-	0	0
01-03	-	-	0	-	0
04-06	0	0	0	0	0
EUROPE					
T0TAL	5	ტ	~	*	-
E1-65	6	4	7	*	-
E6-E9	0	0	0	•	0
01-03	0	0	0	*	0
	0	1	0	•	0
PACIFIC					
TOTAL	7	7	17	6	-
E1-E5	m	4	4	4	-
E6-E9	0	0	0	0	0
01-03	0	0	0	,	0
04-06	0	0	1	ı	0
UNDER LUCALIUNS		•		,	•
101AL	74 6	7 6	ny	• •	
	· C	o C	, C	•	- c
01-03	- c	> 1	) 1	•	) :
	0 0	,	,		ı
TOTAL WORLDWIDE	>				
TOTAL	7	6	m	c	-
E1-E5	9	4	ß	4	-
E6-E9	+	0	-	0	0
K1-K4	0	0	0	1	•
01-03	+	-	0	-	0
04~06	0	0	0	0	0

LESS THAN HALF OF ONE PERCENT. LESS THAN 30 RESPONDENTS. NOT APPLICABLE.

REGIONAL TOTALS INCLUDE WI-W4'S. NOTE:

POPULATION OF E1-E5'S USING BARBITURATES OR OTHER DOWNERS OURING PAST 30 DAYS (PERCENTAGE) TABLE III-56

			SER	SERVICE	
GEOGRAPHICAL REGION	ÎOTAL DOD	ARMY	NAVY	MARINE	AIR FORCE
COMUS					
TOTAL	<u>-</u>	е 	<u>د</u>	4	•
EAST	4	4	- LO	r un	- +
Fibobs	6	~	4	4	- 7
TOTAL	m	4	ŗ	•	•
GERMANY	4	. 4	۷.	•	- •
ITALY	4	•	4		- •
ENGLAND	-	*	1	•	
SPAIN	_	*	-	*	
PACIFIC			-		•
TOTAL	6	4	4	4	-
HAWAII	n	ო	ഗ	6	. 0
JAPAN.	6	0	4	4	·
KOREA	4	ស	*	•	7
GUAN	- u	* 1	- 1	•	7
OTHER LOCATIONS	n	•	s S	•	•
TOTAL	e	m	ď	•	•
PANAMA CANAL	6	5	*	•	- •
ALASKA	7	4	•	٠	•
GUANTANAMO BAY	ø	*	y	*	• •
TOTAL WORLDWIDE	<b>е</b>	4	ır	4	-
			,	•	-

- LESS THAN 30 RESPONDENTS. \* NOT APPLICABLE.

TABLE 111-57

POPULATION USING BARBITURATES OR OTHER DOWNERS DURING PAST 12 MONTHS (PERCENTAGE)

TOTAL DOD DOD NAWY NAVY WARINE CORPS TO STATE TO				SER	SERVICE	
αωο     ννοο     νω++ο     4π+οο     αω-ο-ο       αωο     νω-οο     νω-ο-ο       ωω-οο     4πνοο     πω-ο-ο	GEOGRAPHICAL REGION/PAY GRADE	T0TAL 000	ARMY	NA V.	MARINE	AIR
ΦωΟ     WνΟΟ     Wω++Ο     4π+ΟΟ     Φω-Ο-Ο       ΦωΟ     Φω-Ο-Ο     Φω-Ο-Ο     Φω-Ο-Ο     Φω-Ο-Ο       ΦωΟ     4π000     Φω-Ο-Ο     Φω-Ο-Ο	0.3300					
ωο rvοο rvω++ο 4π+οο πω-ο-ο ωο πω-οι ωποοο πω-ιι πω-ο-ο ω-οο 4πνοο ποι 4-οι πω-οοο	TOTAL	g	9	6	6	6
0 NV00 Nm++0 4m+00 Nm-0-0	- H	o	00	£	12	4
-0 NV-00 Nm++0 4m+00 mm-0-0 -0 mu-0: wm000 mm-:: mm-0-0	E6-E9	-	-	-	0	0
O NV-00 Nm++0 4n+00 nm-0-0 O nu-01 un000 nm-11 nm-0-0 O 4nu00 n-01 4-01 mu-000	01-03	-	-	٥	-	•
wν00 ww++0 4m+00 mw-0-0 mu-0   wm000 mm-1   mm-0-0	:	0	0	0	0	0
nv-00 nm++0 4n+00 nm-0-0 nu-01 un000 nm-11 nm-0-0	EUROPE					
v-00 rw++0 4n+00 nw-0-0  u-0   wn000 nw-1   nw-0-0  ru000 n0   4v0   mv-000		D.	9	4	*	7
-00 nm++0 4m+00 mm-0-0		^	თ	ı,	•	4
00 Rm++0 4R+00 Rm-0-0 01 WR000 Rm-11 Rm-0-0	E6-E9	-	-	7	•	0
0 Rm++0 4m+00 mm-0-0	:	0	0	0	•	0
w ω + + 0 4 ω + 0 0 ω ω - 0 - 0  ω ω ο ο ο ο ω ω - ι ι ω ω - ο - ο  ω ο ι 4 - ο ι ι ω ν - ο ο ο	04-06	0	1	0	*	0
w m + + 0 4 m + 00 m m - 0 - 0  w m 0 0 0 m m - 1 1 m m - 0 - 0  m 0 1 4 - 0 1 1 m v - 0 0 0	⋖					
m++0 4m+00 mm-0+0 m000 mm-11 mm-0+0	TOTAL	ស	eo	9	æ	c
++0 4m+00 mm-0-0	E1-E5	80	9	=	=	4
+0 40+00 00-0-0		+	0	-	-	0
0 40+00 00-0-0 0 00-1 00-0-0		+	0	0	1	-
4 0 + 0 0 0 0 - 0 - 0 0 0 0 0 0 0 0 0 0 0	04-06	0	0	,	,	0
TOTAL  E 1-ES  E 6-E9  O 4-O6  O 7-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C	OTHER LOCATIONS					
E1-E5  E6-E9  104-06  07-AL WORLDWIDE  107-AL		4	9	4	•	-
E6-E9 01-03 04-06 01-03 07AL WORLDWIDE 107AL F1 01-03 01-03 01-03 01-03 01-03 01-03		y	∞	7	•	-
04-06 074L WORLDWIDE 075L WORLDWIDE E1-E5 E6-E9 01-03 04-06	E6-E9.	+	-	0	•	0
074-06 07AL WORLDWIDE 075L WORLDWIDE 0707AL WORLDWIDE 06 6 8 12 12 14 14 14 14 14 14 14 14 14 14 14 14 14		0	,	ı	•	•
07AL WORLDWIDE  107AL 107AL 6668 127 66-E9 12 1 1 1 1 1 1 1 0 01-03		0	1	- •	•	1
TAL FE5 6 6 6 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	OTAL		-			
F F 5 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		9	9	80	6	C
1 E9	E1-E5	<b>6</b> 0	60	12	:	4
000000000000000000000000000000000000000	E6-E9	-	-	-	+	0
0 - 0	W1-W4	0	0	0	,	•
0 0 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	01-03	_	-	0	-	•
	04-06	0	0	0	0	0

+ LESS THAN HALF OF ONE PERCENT - LESS THAN 30 RESPONDENTS. \* NOT APPLICABLE.

NOTE: REGIONAL TOTALS INCLUDE W1-W4'S.

TABLE III-58

POPULATION OF E1-E5'S USING BARBITURATES OR OTHER DOWNERS DURING PAST 12 MONTHS (PERCENTAGE)

			SER	SERVICE	
GEOGRAPHICAL REGION	101AL 00D	ARMY	NA V	MARINE	AIR
CONUS					
TOTAL	6	80	13	12	4
EAST	6	80	13	13	7
WEST	<b>6</b> 0	6	01	=	4
EUROPE					
TOTAL	7	თ	ις.	•	7
GERMANY	œ	6	•	•	က
ITALY	7	•	7	•	•
ENGLAND	4	٠		•	7
SPAIN	က	•	c	•	3
PACIFIC					
TOTAL	80	g	=	-	-
HAWAII	6	4	13	6	-
JAPAN.	6	4	12	12	7
KOREA	7	œ	•	•	7
PHILIPPINES	ស	•	7	•	c
GUAM	80	٠	80	•	•
OTHER LOCATIONS					
TOTAL	9	<b>6</b> 0	7	•	-
PANAMA CANAL	4	4	•	•	•
ALASKA	9	12	•	•	-
GUANTANAMO BAY	۲	٠	7	•	•
TOTAL WORLDWIDE	<b>o</b> o	<b>c</b> c	12	=	*1
		,			

- LESS THAN 30 RESPONDENTS. \* NOT APPLICABLE.

Sub-regionally, among the E1-E5 enlisted personnel, annual use of barbiturates or other downers was more prevalent in CONUS-East, Hawaii and Japan (each 9 percent) than in any other sur-regions.

# Frequency of Current Use

Use of barbiturates or other downers on a weekly or more frequent basis within the past 30 days was reported by only about 1 percent of the military personnel (Table III-59). Variations by pay grade groups and regions were not large (Tables III-60 through III-63).

FREQUENCY OF BARBITURATE OR OTHER DOWNER USE DURING PAST 30 DAYS--101AL 000 (PERCENTAGE OF POPULATION)\*\* **TABLE 111-59** 

			SER	SERVICE	
REGION/ FREQUENCY	TOTAL DOD	ARMY	NA V	MARINE	A1R FORCE
CONUS					
	<u>\$</u>	8	8	<u>\$</u>	<u>\$</u>
Y DAY	•	+	+	•	•
DAYS	+	+	•	•	<b>+</b> :
DAYS	٠ ٠	• •	• •	• •	0 (
LECO THAN ONCE A MERY			- ~	- (	o •
•	- 86	86	96	97	- 66
		3	}	;	)
TOTAL	8	8	8	•	8
DAY	+	+	0	•	•
4	+	-	• •	•	0
DAYS A	+	+	•	•	0
DAYS A	-	-	+	٠	•
S THAN 0	-	-	-	•	0
NOT AT ALL	86	66	66	•	8
PACIFIC		_	-		
TOTAL	8	0	8	8	3
Y DAY	+	+	+	•	•
DAYS A	+	•	+	•	0
DAYSA	+	+	•	+	•
Ý.	•	+	+	-	•
S)	-	•	-	-	-
	86	86	86	97	66
TOTAL	5	00.	9	,	
. ^	3 +	3 °	3 +	• •	3 0
5-6 DAYS A ¥EEK	•	o C	•	•	o c
DAYS A	+	· <del>-</del>	c	•	c
DAYS A	•	-	•	•	•
S THAN 0	_	0	2	•	-
NOT AT ALL	86	86	97	•	66
RLDWII					
TOTAL	8	\$	8	8	5
Y DAY.	•	•	•	•	•
DAYS A	•	•	•	•	•
DAYSA	+	•	•	•	•
AYS A WEEK.	_	-	-	-	•
H .	<b>-</b>	-	2	~	-
NO! A! ALL	<b>8</b> 66	16	16	6	66
				_	

+ LESS THAN HALF OF ONE PERCENT.
• NOT APPLICABLE.
• PERCENTS MAY NOT ADD TO 100 OUE TO ROUNDING.

NOTE: FIGURES INCLUDE W1-W4'S

TABLE 111-60

FREQUENCY OF BARBITURATE OR OTHER DOWNER USE DURING PAST 30 DAYS--REGION: CONUS (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
PAY GRADE/ FREQUENCY	TOTAL DOD	ARMY	NAVY	MARINE	AIR
# L					
TOTAL	100	001	001	9	100
EVERY DAY	+	+	+	+	<b>,</b> •
DAYS A W	+	+	+	+	+
-4 DAYS A	+	+	+	+	0
DAYS A WEEK	-	-	7	-	0
Z.	7	7	7	7	-
•	97	97	92	96	66
	8		5	٤	•
EVED VOTA	3 0	3 9	3 <	3 9	3 9
	> 1	> 0	> 4	> <	<b>.</b>
DAYSA	• •	o c	• •	> c	o c
DAYS A WEEK	+	0	•	· c	0
THAN DNCE A W	0	0	0	0	0
NOT AT ALL	8	8	66	8	200
01-03					
	8	8	8	8	8
Y DAY	0	0	0	0	0
DAYS	0 (	0 (	0 (	0 (	0 (
DAYS A WEEK	<b>&gt;</b> +	<b>&gt;</b> +	<b>5</b>	0 (	0 (
THAND			o c	<del>-</del>	o c
F AT ALL	66	66	5	66	5
	1	,	)		) •
TOTAL	901	9	8	9	301
	0	0	0	0	0
IVS A	0	0	0	0	0
IYS A	0	0	0	0	0
DAYS A WEEK.	0	0	0	0	၁
Ξ	0	0	0	0	0
NOT AT ALL.	8	\$	8	3	8

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF BARBITURATE OR OTHER DOWNER USE DURING PAST 30 DAYS--REGION: EUROPE (PERCENTAGE OF POPULATION)\*\*

₹.

			SER	SERVICE	
PAY GRADE/ FREQUENCY	T0TAL D0D	ARMY	NAV	MARINE	AIR FORCE
E 1-E5					
TOTAL	† 00 1	8	\$	•	8
Y DAY	+ -	+ -	0		+
3-6 DAYS A WEEK	- +	- +	- +		00
AYS A			+	•	+
ONCE A W	-	7	-	•	0
AT ALL	97	96	86	•	66
E6-E9					
TOTAL	8	8	\$	•	<del>1</del> 00
÷	0	0	0	٠	0
YS A	0	0	0	•	٥
DAYS A	0	0	0		0
DAYS A	0	0	0	•	0
'n	0	0	0	*	0
NOT AT ALL	8	8	8	•	<del>1</del> 00
01-03					
	8	8	8	•	\$
ZY DAY	0	0	0	•	0
⋖ •	0	0	0	•	0
DAYS	0 (	0 (	0 (	•	0
FOR THAN ONCE A MEEK		0 0	<b>&gt;</b> (		0 0
AT All	5	٤	۶	•	5
i	2	}	3		3
•	001	1	9	•	90
DAY	0		0	•	90
DAYS A W	0		0	•	0
•	0		0	•	0
JAYS A WEEK	0		٥	•	0
Ĭ,	0		0	•	0
NOT AT ALL	8		8	•	<del>5</del>

LESS THAN HALF OF ONE PERCENT. LESS THAN 30 RESPONDENTS. NOT APPLICABLE. PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

FREQUENCY OF BARBITURATE OR OTHER DOWNER USE DURING PAST 30 DAYS--REGION: PACIFIC (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
PAY GRADE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
E1-E5					
TOTAL.	8	8	\$	\$	8
RY DAY	+	+	+	+	+
DAYS A	•	- 1	+ •	+ •	ο.
3-4 DAYS A WEEK	+ +				+ +
, 0		-	- 0	- 2	. <b>-</b>
AT ALL	97	97	96	96	66
E6-E9					
	8	8	<u>\$</u>	\$	8
ZY DAY	0	0	0	0	0
DAYS A	0	0	0	0	0
DAYS A	0	0	0	0	0
DAYS A WEEK	0	0	0	0	0
E;	+ (	0 (	0	0 9	- 6
DI-DR ALL	3	3	8	3	n n
•	50	Ş	٤	,	Ş
EVERY DAY	0	0	0		0
DAYS A W	0	0	0		0
-4 DAYS A	0	0	0		0
DAYS A WEEK.	0	0	0		0
֓֞֞֝֞֜֝֞֝֓֓֓֞֝֝֓֓֓֓֝֝֡֜֝֝֓֓֓֡֝֝֡֡֜֝֝֓֡֝֡֡֝֝֡֡֡֝֝֡	0	0	0		0
NOT AT ALL	8 •	8	8		8
TOTAL	90	5	,	,	Ş
EVERY DAY	90	30			30
DAYS A	0	С			0
DAYS A	0	0			0
DAYS A WEEK.	0 (	0			0
֡֝֞֞֝֞֞֜֞֝֓֞֞֜֞֞֞֜֞֝֞֞֜֞֞֞֞֞֞֜֞֝֞֡֓֓֞֝֞֡֡֡֡֡֡֝	0 0	٥			0
MOI ALL	3	2			3

LESS THAN HALF OF ONE PERCENT. LESS THAN 30 RESPONDENTS. PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

TABLE III-63

FREQUENCY OF BARBITURATE OR OTHER DOWNER USE DURING PAST 30 DAYS--REGION: OTHER LOCATIONS (PERCENTAGE OF POPULATION)\*\*

SERVICE	ARMY NAVY MARINE AIR CORPS FORCE		• •	-0	•	ტ ა	))	100 100 100	> 0	•	•	•	• 001	•	•	*	•	•	•			•	•	•	•	•	
	TOTAL DOD	8	+ +	• •	-	16		<u>\$</u>	. 0	0	0	0	<u>-</u> -	9	0	0	0 0	- -	8		8	0	0	<u> </u>	0	<u> </u>	ξ
	PAY GRADE/ FREQUENCY	E1-E5 TOTAL	RY DAY	3-4 DAYS A WEEK	DAYS A WEEK	LESS THAN ONCE A WEEK.		:	5-6 DAYS A WEEK	DAYS A WEEK	A WEEK	Ξ	NOT AT ALL	-	Y DAY	DAYS A	3-4 DAYS A WEEK	STHAND	AT ALL	04-06		RY DAY	DAYS A	DAYS A	DAYS A WEEK.	S I	NOT AT ALL

LESS THAN HALF OF ONE PERCENT.
LESS THAN 30 RESPONDENTS.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

#### Heroin Use

# Current Use

Prevalence rates for use of heroin within the past 30 days are presented in Tables III-64 and III-65.

### Current Use - Worldwide

Only 1 percent of the military personnel worldwide reported they had used heroin within the past 30 days. Among the different pay grade groups, none of the officers reported use of heroin in the past 30 days. Rates for the E1-E5 and E6-E9 pay grade groups were 1 percent and less than 0.5 percent, respectively.

# Current Use - Regional and Sub-Regional

Regional rates for current use of heroin were 1 percent or less in all regions except Europe where the rate was 2 percent. Current use of heroin was most prevalent among E1-E5 personnel in Europe (3 percent). The highest subregional rate was recorded for E1-E5 personnel in Germany (4 percent).

# Annual Use

Annual rates of heroin use are depicted in Tables III-66 and III-67.

### Annual Use - Worldwide

The annual prevalence rate for heroin use worldwide (2 percent) was double that for current use of this drug; however, patterns of use by pay grade groups and regions were similar for both time periods.

TABLE III-64

POPULATION USING HERGIN DURING PAST 30 DAYS (PERCENTAGE)

			4 2 5	SERVICE	
GEOGRAPHICAL REGION/PAY GRADE	101AL 000	ARMY	NAVY	MARINE	AIR FORCE
CONUS					 
TOTAL	-	-	-	*	+
E1-E5	<del>-</del>	-	-	+	+
E6-E9	<b>+</b>	0	+	0	0
01-03	0	0	0	0	0
04-06	0	0	0	0	0
EUROPE					
TOTAL		6	0	٠	-
E1-E5	რ	4	o	•	-
E6-E9	0	0	0	•	0
01-03	0	0	0	•	0
04-06	0	,	0	•	0
PACIFIC					
TOTAL	+	-	-	+	•
E1-E5	_	-	-	+	+
E6-E9	0	0	0	0	0
01-03	•	0	0	,	0
	•	0	1	•	0
OTHER LOCATIONS					
TOTAL	+	0	0	•	+
E1-E5	<u>+</u>	0	0	•	+
E6-E9	•	0	0	•	0
01-03	<u> </u>		,	•	
$\boldsymbol{\Gamma}$	0	,	1	•	1
TOTAL WORLDWIDE					
T0TAL	-	-	-	+	*
E1-E5	-	7	-	+	•
E6-E9.	•	0	•	0	0
W1-W4	0	0	0		•
01-03	0	0	0	0	0
04-06.	0	0	0	0	0

+ LESS THAN HALF OF ONE PERCENT - LESS THAN 30 RESPONDENTS. • NOT APPLICABLE.

NOTE: REGIONAL TOTALS INCLUDE W1-W4'S

POPULATION OF E1-E5'S USING HEROIN DURING PAST 30 DAYS (PERCENTAGE) TABLE 111-65

GEOGRAPHICAL REGION CONUS TOTAL EAST WEST FURDE	TOTAL DOD 1	ARMY	X 0	MARINE CORPS + +	AIR FORCE
	+		0	+ - 0	
	+		0	++0	
	-+	<del>*</del> + •	0	-0	+
	+	÷ ,	- 0	0	٠
	_	•	•		•
		•	٥		
TOTAL	е	·		•	-
GERMANY	4	4	•	•	7
ITALY	0	*	0	•	•
ENGLAND	0	*	,	•	0
SPAIN	0	*	0	•	0
PACIFIC					
T01AL	-	-	-	+	+
HAWAII	_	-	7	0	0
UAPAN	+	-	-	+	+
KOREA	-	-	•	*	0
PHILIPPINES	0	•	٥	•	0
GUAM	0	*	0	•	•
OTHER LOCATIONS					
TOTAL	+	0	٥	•	•
PANAMA CANAL	0	0	•	٠	•
ALASKA	+	0	•	•	+
GUANTANAMO BAY	0	•	٥	•	•
TOTAL WORLDWIDE	-	7	-	•	•

- LESS THAN 30 RESPONDENTS. + LESS THAN HALF OF ONE PERCENT. + NOT APPLICABLE.

POPULATION USING HEROIN DURING PAST 12 MONTHS (PERCENTAGE) TABLE III-66

REGION/PAY GRADE				SER	SERVICE	
-u+00 4r00000+ +-000 uu+00+  uu000 @w001 -u000 +-011 w40000  -u+00 00000 -u001 +-011 -u+000		101AL D0D	ARMY	NA V	MARINE	AIR FORCE
-4+00 4r00000+ ++000 4r400+ -4+00 000000+ ++01: #40000 -4+00 0000000: ++01: #40000						
2+00 4r00000+ ++000 22+00+  E000 @@001 -2000 ++011	TOTAL	-	2	-	-	*
+00 4r00000+ +-000 4r+00+  000 @@00: -4000 ++0:: w40000  +00 0000 -400: +-0:: -4000	E1-E5	7	e	7	-	•
00 4 × 000 - + 00 + + 000 4 × 00 + 00 + 00 + 00 + 00	E6-E9	+	0	+	0	0
0 4r00000+ +-000 22+00+ 0 @@001 -2000 +-011 @40000  0 00000 -2001 +-011 -2+000	01-03	0	0	0	0	0
4 - 0 0 0 0 0 + + + 0 0 0 0 0 0 0 0 0	04-06	0	0	0	0	0
4 \( \text{000} \) \( \text{00} \) \( \text{+-000} \) \( \text{000}	EUROPE					
000000+ +-000 44+00+ 0000000 ++011	TOTAL	4	9	0	•	-
00000+ +-000 44+00+	E1-E5	_	6	0	•	-
0000+ +000 22+00+		0	0	0	•	0
000+ +000 uu+-00+ 000 +01: w40000 001 +01: -u+000	01-03	0	0	0	•	0
	04-06	0	r	0	•	0
	PACIFIC					
-00+ +-000 22+00+ -00+ +-011 E40000 -001 +-011 -2+000	TOTAL	-	-	-	-	•
000 ++000 77+00+	E1-E5.	-	2	2	-	<u>+</u>
0+ ++000 22+00+	E6-E9	0	0	0	0	0
+ ++000 88+00+	01-03	0	0	0	,	0
++000 44+00+ ++01: #40000 ++0:: -4+000	04-06	+	0	1	,	2
++000 00++00+ ++01: E40000 ++01: -0+000	OTHER LOCATIONS					
+000 44+00+ +011 640000 -011 -40000	TOTAL	+	+	+	•	•
000 000+00+	E1-E3.	-	-	-	•	•
00 04+00+	E6-E9	0	0	0	•	0
0 000+00+ 1	01-03	0	1	ı	•	2
w40000 - 2+000	04-06	0	ı	1	•	
w40000 - w40000	TOTAL WORLDWIDE					
40000	TOTAL	7	8	-	-	•
0000+000+	E1-E5	7	4	7	-	-
- 00 0	E6-E9	+	0	+	0	0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	W1-W4	0	0	0	,	•
0 0 +	01-03	0	0	0	0	0
	04-06.	+	0	0	0	•

+ LESS THAN HALF OF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
- NOT APPLICABLE.

NOTE: REGIONAL TOTALS INCLUDE W1-W4'S.

TABLE III-67

POPULATION OF E1-E5'S USING HEROIN DURING PAST 12 MONTHS (PERCENTAGE)

			SER	SERVICE	
GEOGRAPHICAL REGION	T0TAL D0D	ARMY	VAV.	MARINE	AIR FORCE
CONUS					
TOTAL	2 (	m r	2.0	<b>-</b> c	• •
LSM3	v -	n m	4 0	<b>v</b> +	-
EUROPE					
TOTAL	7	6	0	•	-
GERMANY	œ	on .	•	•	m
ITALY	0	*	0	•	•
ENGLAND	0	*		*	0
SPAIN	+	•	0	•	-
PACIFIC			•		
TOTAL	-	۲۰ ۲۰	2 .	- (	- (
HAWAII	- 1	- ,	0,0	0 •	o ·
KORFA		- ~	7 *	- •	+ C
PHILIPPINES	-	•	0	•	2
GUAX	+	•	+	•	•
TOTAL	-	-	•	•	•
PANAMA CANAL	0	0	•	•	•
ALASKA	-	-	•	•	•
GUANTANAMO BAY	-	•	•	•	•
TOTAL WORLDWIDE	8	4	2	-	-
**************************************					

LESS THAN 30 RESPONDENTS. LESS THAN HALF OF ONE PERCENT. NOT APPLICABLE.

Annual Use - Regional and Sub-Regional

Four percent of the military personnel stationed in Europe reported they had used heroin within the past 12 months (compared to 1 percent or less of the personnel in other regions).

Among the E1-E5 pay grade groups in the various subregions, the annual rate of heroin use was the highest, by a considerable margin, in Germany (8 percent). The rate was no more than 2 percent in any other sub-region.

# Frequency of Current Use

A special analysis shows that only 0.5 percent of the military personnel worldwide reported they had used heroin weekly or more frequently than weekly during the past 30 days. As shown in Tables III-68 through III-72, about 3 percent of the Army-Europe E1-E5 pay grade group reported they had used heroin weekly or more often than weekly during the past 30 days. However, further analysis shows that only 0.5 percent of Army-Germany junior enlisted personnel reported using heroin at least <u>five</u> days per week during the preceding 30 days.

TABLE 111-68

FREQUENCY OF HERDIN USE DURING PAST 30 DAYS -- TOTAL DOD (PERCENTAGE OF POPULATION)\*\*

CONUS				SER	SERVICE	
######################################	REGION/ FREQUENCY	TOTAL	ARMY	NA C	MARINE	AIR
## ## ## ## ## ## ## ## ## ## ## ## ##	S. HACO					<u> </u>
F. K. WEEK F. K. O. O. O. O. O. O. O. O. O. O. O. O. O.	4	ξ	5	5	٤	200
######################################		<u></u>	3 +	} +	} •	•
# # # # # # # # # # # # # # # # # # #				•	·	•
######################################	2 4 4 4 4 4		0 0	•	· c	c
FR WEEK  TO 00 1 10 10 10 10 10 10 10 10 10 10 10 1	CAN A SERVICE		•		•	• د
######################################	٠,	• •	. 4		•	
######################################	1	. 5	. 66	. 6	- 66	5
######################################	FUROPE	?	<b>)</b>	?	· ·	}
######################################		400	001	2	•	ŝ
######################################		+	*	c	•	•
F. F. F. F. F. F. F. F. F. F. F. F. F. F	VEEK	•	+	0	•	0
F. A. WEEK. 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	VEEK	•	+	•	•	0
F. K. K. K. K. K. K. K. K. K. K. K. K. K.		-	-	0	•	•
F. F. F. F. F. F. F. F. F. F. F. F. F. F	4	-	-	0	,	•
FER WEEK		97	96	8	0	66
F. F. F. F. F. F. F. F. F. F. F. F. F. F	PACIFIC					
######################################		8	8	8	5	3
F. F. F. F. F. F. F. F. F. F. F. F. F. F	EVERY DAY		+	٠	•	c
FR WEEK	DAYS A WEEK.	•	*	0	0	0
F. K. K. K. K. K. K. K. K. K. K. K. K. K.	DAYS A	•	•	•	0	0
EX WEEK	¥	•	+	٠	•	0
EK A WEEK 000 000 000 000 000 000 000 000 000	S THAN ONCE A	+	•	• ;	c	φ
FER A WEEK	NOT AT ALL	9	8	66	8	<u>5</u>
RY DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OTHER LOCATIONS	-	,		,	
MY DAYS A WEEK		8	8.6	8 6	•	8
DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3	+ (	<b>&gt;</b> (	<b>&gt;</b> (		• (
DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A WEEK	- o (	0 (	<b>&gt;</b> (	•	ۍ د
AT ALL 100 100 100 100 100 100 100 100 100 1	DAYS A WEEK	o (	0 (	0 (	•	O (
MURLDWIDE 100 100 100 100 100 100 100 100 100 10	٠.	o (	0 (	<b>5</b> (	•	o :
MURLDWIDE  AL  AL  AL  AL  AL  AL  AL  AL  AL  A	AT ALL	۰ د	٥	o ç		c 6
RY DAY RY DAY RY DAYS A WEEK CONSS A WEEK RY C		3	3	3		3
Y DAY  DAYS A WEEK  DAYS A WEEK  THAN ONCE A WEEK  A + + + + + + + + + + + + + + + + + +	MUNICONIUS Al	٤	٤	٤	5	3
DAYS A WEEK. + + + + + + + + O DAYS A WEEK. + + + + + + + + + + + + + + + + + + +		3 *	3 *	3 *	3 *	•
DAYS A WEEK + + + + + + + + + + + + + + + + + +	DAYS A WEEK	•	•	٠	0	•
DAYS A WEEK + + + + + + + + + + + + + + + + + +	DAYS A WEEK	•	•	٠	0	0
AT ALL 99 99 99 99 99 10	DAYS A	+	•	•	•	•
AT ALL 99 99 99 99	DNCE A	•	•	•	•	٠
	AT ALL	66	66	66	66	901

NOTE: FIGURES INCLUDE WI-W4'S

LESS THAN HALF OF DNE PERCENT
 NOT APPLICABLE.
 PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

TABLE III-69

FREQUENCY OF HERDIN USE DURING PAST 30 DAYS--REGION: CONUS (PERCENTAGE OF POPULATION)\*\*

:					
			SER	SERVICE	
PAY GRADE/ FREQUENCY	TOTAL DOD	ARMY	VAN	MARINE	AIR
E1-E5					
TOTAL.	<u>\$</u>	<u>\$</u>	0	8	<u>\$</u>
5-6 DAYS A WEEK	• •	+ 0	• •	• 0	• •
A S A	+	0	•	0	0
AYS A WEEK	+	•	•	•	•
E :	+ (	+ (	+ (	+ (	0
NOT AT ALL	66	66	<b>6</b> 6	66	8
٠ د	002	Š	90,	8	901
DAY	•	0	} *	0	0
AYS A	0	5	0	0	0
DAYS A	•	Ç.	•	0	0
A WEEK	5	:	c	0	0
F	O		c	С	0
_	<b>ું</b>	901	100	3	8
01-03	Ş	-	<u> </u>	ξ	5
FVERY DAY	} c		3 0	3 .	3 0
	.0	5	0	0	0
DAYS A	O	c	o	0	0
DAYS A WEEK	c	9	O	0	0
<b>≠</b> !	0	0	0	0	0
NOT AT ALL	8	8	\$	8	001
TOTAL	QC.	50	5	2	QC.
EVERY DAY	0	0	0	0	0
5-6 DAYS A WEEK	0	0	0	c	0
NYS A	0	0	0	0	O
JAYS A WEEK.	0	0	0	0	0
LESS THAN ONCE A WEEK	0 0	0 8	0 8	င	0 3
₹	3	3	3	3	2
				•	

+ LESS THAN HALF OF ONE PERCENT
-- PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

TABLE III-70

FREQUENCY OF HEROIN USE DURING PAST 30 DAYS--REGION: EUROPE (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
PAY GRADE/ FREQUENCY	T0TAL 000	ARMY	NAV.	MARINE	AIR
E1-E5					
TOTAL.	8	8	00+	•	901
	+	+	0	*	•
5-6 DAYS A WEEK	+ •	+ +	o <del>-</del>	• •	00
DAYS A		- 7	- 0	•	) + 
S THAN 0	-	, 2	0	•	+
- (	96	95	66	•	66
E6-E9	007		0	,	0
EVEDY DAY	5 0	30	9 0		3 9
- 45	- c	0	o c	•	o c
DAYS A	0	0	0	•	0
DAYS A	0	0	0	*	0
S THAN ONCE A W	+	+	0	•	0
_	901	ş	100	٠	\$
01-03	90	9	0	•	001
EVERY DAY	3 °	3 °	3 0		3 0
3	0	0	0	٠	0
DAYS A	0	0	0	•	0
DAYS A WEEK	0	0	0	٠	0
֭֭֭֡֝֞֞֞֞֞֜֞֜֞֞֜֞֜֞֜֞֜֞֜֞֜֞֜֞֜֞֜֜֜֝֜֜֜֝֡֡֡֡֡֡֡֡֡֝֜֝֡֡֡֡֡֡֡֡	0 6	0 (	0 (	•	0
NO AT ALL	8	8	<u>0</u>	•	8
•	8		6	•	ğ
EVERY DAY	0		0	*	?
AYS A	0		0	٠	0
DAYS A	0		0	•	0
1-2 DAYS A WEEK	0 0		0 (	•	0 (
TAN UNCE A	> 5		၁	•	o 6
<b>.</b>	3	_	3	,	3

LESS THAN HALF OF ONE PERCENT.
LESS THAN 30 RESPONDENTS.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING. + ) \* :

FREQUENCY OF HEROIN USE
DURING PAST 30 DAYS--REGION: PACIFIC
(PERCENTAGE OF POPULATION)\*\*

FREQUENCY DOD ARMY NAVY WAS ERVICE TOTAL T						
1-ES 1-ES 1-ES 1-ES 1-ES 1-ES 1-AN 1-2 DAYS A WEEK 1-3 DAYS A WEEK 1-4 DAYS A WEEK 1-5 DAYS A				SER	VICE	
1-E5 EVERY DAY WEEK + + + + + + + + + + + + + + + + + +	PAY GRADE/ FREQUENCY	TOTAL DOD	ARMY	NAVY	MARINE	AIR FORCE
TOTAL  EVERY DAY'S A WEEK  1-2 DAYS A WEEK  1-2 DAYS A WEEK  NOT AT ALL  ESS THAN ONCE A WEEK  3-4 DAYS A WEEK  5-6 DAYS A WEEK  0 5-6 DAYS A WEEK  0 5-6 DAYS A WEEK  0 100 100 100 100 100 100 100 100 100	1 -					
EVERY DAY'S A WEEK + + + + + + + + + + + + + + + + + +	TOTAL.	001	8	9	8	400
3-4 DAYS A WEEK + + + + + + + + + + + + + + + + + +	DAVE & WEEK	+ +	+ +	+ C	+ C	00
1-2 DAYS A WEEK + + + + + + + + + + + + + + + + + +	DAYS A	*	+	) <b>+</b>	0	0
LESS THAN DNCE A WEEK. + + + +   LESS THAN DNCE A WEEK. 999 999 999 6-E9	DAYS A WEEK	+	+	+	+	0
6-E9  6-E9	S THAN ONCE A	+ (	+ 6	+ 6	08	0 0
EVERY DAY  5-6 DAYS A WEEK  3-4 DAYS A WEEK  1-2 DAYS A WEEK  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AOT A	S S	n n	S S	n n	3
EVERY DAY.  5-6 DAYS A WEEK.  3-4 DAYS A WEEK.  0 LESS THAN ONCE A WEEK.  100 100  1-03  1-03  1-03  1-00	TOTAL	9	8	8	90	8
5-6 DAYS A WEEK. 0 0 0 1-2 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAY	0	0	0	0	0
3-4 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 1-03 1-03 1-03 1-03 1-03 1-03 1-03 1-0	DAYS A WEEK	0	0	0	0	0
1-2 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 100	DAYS A	0	0	0	o	0
LESS THAN ONCE A WEEK. 100 100 100 100 100 100 100 100 100 10	DAYS A WEEK.	0	0	0	0	0
1-07 1 ALL 1-07 1 ALL 1-07 1 ALL 1-07 1 ALL 1-07 1 ALL 1-07 1 ALL 1-07 1 A WEEK 1-07 1 A A WEEK 1-07 1 A A A WEEK 1-07 1 A A A WEEK 1-07 1 A A A A B A A A B A B A B A B A B A B	THAN ONCE A	٥ و	٥٤	٥٤	٥٤	0 5
TOTAL 100  EVERY DAY 100  5-6 DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- SC-+	3	3	3	3	3
EVERY DAY	- '	8	8	9	,	9
5-6 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Y DAY	0	0	0		0
3-4 DAYS A WEEK. 0 0 1-2 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A	0	0	0		0
1-2 DAYS A WEEK 0 0 100 100 100 100 100 100 100 100 10	DAYS A	0 (	0 0	0 (		0 (
NOT AT ALL 100 100 100 100 100 100 100 100 100 1	THAN ONCE A	o c	> c	00		o c
4-06 TOTAL	AT ALL	. 8	. 8	, <u>§</u>		, <del>5</del>
YY DAY.  DAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.	4-06			,		
DAYS A WEEK.		400	0	•	,	500
DAYS A WEEK	Y DAY	0	0			0
DAYS A WEEK	DAYS A	0 (	0 (			0 (
DATS A WEEN	DAYS A	0 0	o (			0 0
A NOW ON A WEEK	DAYS A WEEK.	o c	o c			<b>)</b>
AT ALL	AT ALL	\$	ع د			٤
			2			3

<sup>+</sup> LESS THAN HALF OF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

TABLE 111-72

FREQUENCY OF HEROIN USE
DURING PAST 30 DAYS--REGION: OTHER LOCATIONS
(PERCENTAGE OF POPULATION)\*\*

FREQUENCY DOD ARMY NAVY MARTINE ATR CORPS FORCE FUELS THAN ONCE A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				SER	SERVICE	
EVERY DAY WERE 0 100 100 100 100 100 100 100 100 100	PAY GRADE/ FREQUENCY	TOTAL	ARMY	N >>	MARINE	AIR
100 AL  EVERY DAY  S-6 DAYS A WEEK  O 0 0  O						
EVERY DAYS  3-4 DAYS A WEEK	4	8	\$	8	•	8
2-4 Days A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Y DAY	+ 1	0	0	•	•
1-2 DAYS A WEEK 0 100 100 100 100 100 100 100 100 100	DAYS A	0 0	0 0	00	•	0 0
LESS THÂN ONCE A WEEK 0 100 100 100 100 100 100 100 100 100	DAYSA	0	o o	) o	•	0
NOT AT ALL  NOT AT ALL  NOT AT ALL  100 100 100  100 100  100 0 0 0  100 10	⋖	0	0	-	•	0
100 100 100 100 100 100 100 100 100 100		8	8	9	•	8
FUENT DAY.  100 100  EVERY DAY.  101 DAYS A WEEK  102 DAYS A WEEK  103 100  104 DAYS A WEEK  105 100  106 100  107 ALL	œ					
EVERY DAY.  5-6 DAYS A WEEK  0 0 0  1-2 DAYS A WEEK  0 0 0  1-2 DAYS A WEEK  0 0 0  1-2 DAYS A WEEK  0 0 0  1-2 DAYS A WEEK  0 0 0  1-2 DAYS A WEEK  0 100  1-2 DAYS A WEEK  0 1-2 DAYS A WEEK  0 1-2 DAYS A WEEK  0 1-2 DAYS A WEEK  0 1-2 DAYS A WEEK  0 1-2 DAYS A WEEK  0 1-2 DAYS A WEEK  0 1-2 DAYS A WEEK  0 1-2 DAYS A WEEK  0 1-2 DAYS A WEEK  0 1-2 DAYS A WEEK  0 1-2 DAYS A WEEK  0 1-2 DAYS A WEEK  0 1-3 DAYS A WEEK  0 1-4 DAYS A WEEK  0 1-5 DAYS A WEEK  0 1-6 DAYS A WEEK  0 1-7 DAYS A WE	TOTAL	8	8	8	•	8
5-6 DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Y DAY	0	0	٥	•	0
3-4 DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A	0	0	0	•	0
1-2 DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A WEEK.	0	0	0	•	0
NOT AT ALL  ONTY AT ALL	MYS A WEEK.	0 (	0 (	0 :	•	0
103 1074L	THAN UNCE A	ာဋ	ء و	0 5	• •	<u>ء</u>
TOTAL  EVERY DAY  EVERY DAY  O  S-6 DAYS A WEEK  O  1-2 DAYS A WEEK  O  LESS THAN ONCE A WEEK  O  S-6 DAYS A WEEK  O  LESS THAN ONCE A WEEK  O  S-6 DAYS A WEEK  O  S-6 DAYS A WEEK  O  S-6 DAYS A WEEK  O  S-7 DAYS A WEEK  O  LESS THAN ONCE A WEEK  O  LESS THAN ONCE A WEEK  O  LESS THAN ONCE A WEEK  O  O  LESS THAN ONCE A WEEK  O  O  O  O  O  O  O  O  O  O  O  O  O	1-03	}	3	3		3
EVERY DAY.  5-6 DAYS A WEEK.  3-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 OT AL.  1-7 DAYS A WEEK.  1-8 DAYS A WEEK.  1-9 DAYS A WEEK.  1-7 DAYS A WEEK.  1-7 DAYS A WEEK.  1-8 DAYS A WEEK.  1-9 DA	TOTAL	8	,	r	•	,
5-6 DAYS A WEEK. 0 3-4 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 1-2 DAYS A WEEK. 0 1-3 DAYS A WEEK. 0 1-4 DAYS A WEEK. 0 1-5 DAYS A WEEK. 0 1-7 DAYS A WEEK. 0 1-8 DAYS A WEEK. 0 1-9 DAYS A WE	Y DAY	0			•	
3-4 DAYS A WEEK. 0 LESS THAN DNCE A WEEK. 0 LESS THAN DNCE A WEEK. 0 LOG TOTAL. 100 LESY DAY. A WEEK. 0 1-2 DAYS A WEEK. 0 LESS THAN DNCE A WEEK. 0 LESS THAN DNCE A WEEK. 0 LESS THAN DNCE A WEEK. 0	DAYS A	0		_	•	
LESS THAN ONCE A WEEK. 0 LESS THAN ONCE A WEEK. 0 LESS THAN ONCE A WEEK. 0 LESS THAN ONCE A WEEK. 0 LESS THAN ONCE A WEEK. 0 LESS THAN ONCE A WEEK. 0 LESS THAN ONCE A WEEK. 0	DAYS A	0 (			•	
NOT AT ALL  100  100  100  100  100  100  100	TEAN DATE A	<b>-</b>				
100 - 006  100 - 006	AT ALI	۶			•	
FUERY DAY  5-6 DAYS A WEEK  0 3-4 DAYS A WEEK  0 1-2 DAYS A WEEK  0 LESS THAN ONCE A WEEK  0 100	90-	3				
Y DAY DAYS A WEEK DAYS A WEEK THAN ONCE A WEEK AT ALL	TOTAL	8	1	,	•	
DAYS A WEEK DAYS A WEEK DAYS A WEEK THAN ONCE A WEEK AT ALL	>	0			*	
DAYS A WEEK. DAYS A WEEK. S THAN ONCE A WEEK. AT ALL	DAYS A WEEK	0			•	
DAYS A WEEK. S THAN ONCE A WEEK. AT ALL	DAYS A WEEK.	0			•	
AT ALL	DAYS A WEEK.	0			•	
AT ALL	S THAN ONCE A	0			•	
	¥	8			•	

+ 1 + :

LESS THAN HALF OF ONE PERCENT. LESS THAN 30 RESPONDENTS. NOT APPLICABLE. PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

### Use of Other Opiates

## Current Use

Prevalence rates for use of "other opiates" (excluding heroin) during the past 30 days are shown in Tables III-73 and III-74.

Current Use - Worldwide

Worldwide, only 1 percent of the military personnel reported they had used opiates other than heroin within the past 30 days. Among the different pay grade groups, rates ranged from zero to less than 0.5 percent for all except the E1-E5 enlisted personnel for whom a 2 percent rate was recorded.

Current Use - Regional and Sub-Regional

Regional rates for all combined pay grade groups were 2 percent in Europe and 1 percent in each of the other regions. Annual Use

The prevalence rates for use of "other opiates" during the past 12 months are displayed in Tables III-75 and III-76.

Annual Use - Worldwide

Worldwide, 4 percent of the military personnel reported use of opiates other than heroin during the past 12 months. The annual rate for E1-E5 personnel (5 percent) was substantially higher than the rates for other pay grade groups (i.e., <0.5 percent).

Annual Use - Regional and Sub-Regional

Annual rates by region did not vary greatly: CONUS and

POPULATION USING OPIATES (OTHER THAN HEROIN)
DURING PAST 30 DAYS
(PERCENTAGE) TABLE III-73

			SER	SERVICE	
GEOGRAPHICAL REGION/PAY GRADE	TOTAL DOD	ARMY	×>•	MARINE	AIR FORCE
CONUS					
TOTAL	-	-	7	5	+
E1-E5.	7	2	7	2	-
E6-E9	+	+	+	•	0
01-03	+	-	0	-	0
04-06	0	•	0	0	0
EUROPE					
TOTAL	7	7	-	•	•
E1-E5.	7	6	8	•	-
E6-E9.	-	2	0	•	0
01-03	0	0	0	•	0
04-06	0	,	0	*	0
PACIFIC					
TOTAL	-	7	7	2	-
E1-E5	7	8	ღ	7	-
E6-E9	0	0	0	0	0
01-03	+	-	0	,	0
04-06	0	0	,	,	0
OTHER LOCATIONS		_			
TOTAL	-	-	+	•	•
E1-E5	-	-	-	•	+
E6-E9	0	0	0		0
01-03	0	1	,	•	•
04-06	0	,	,	•	•
TOTAL WORLDWIDE					
TOTAL	-	7	8	2	•
E1-E5	~	2	2	7	-
E6-E9	•	-	+	•	0
K1-W4-	0	0	0	,	•
01-03	+	-	0	-	0
30-10	_	•	_	_	

LESS THAN HALF OF ONE PERCENT LESS THAN 30 RESPONDENTS. NOT APPLICABLE.

NOTE: REGIONAL TOTALS INCLUDE W1-W4'S.

POPULATION OF E1-E5'S USING OPIATES (OTHER THAN HEROIN)

OURING PAST 30 DAYS

(PERCENTAGE) **TABLE 111-74** 

			SER	SERVICE	
GEOGRAPHICAL REGION	101AL 00D	ARMY	NAVY	MARINE	AIR FORCE
CONUS					
TOTAL		7	7	7	-
EAST	?	7	8	e	-
	-	7	ღ	5	+
EUROPE					
TOTAL		6	8	*	-
GERMANY	<u>ო</u>	е -	•	*	-
ITALY	e :	•	၉	٠	•
ENGLAND	0	•	ı	•	0
SPAIN	-	•	-	•	-
PACIFIC					
TOTAL		6	e	8	-
HAWAII	?	7	e	-	0
UAPAN		7	e	က	-
KOREA	<u>ლ</u>	4	*	*	7
PHILIPPINES	0	•	٥	•	0
GUAM	: %	•	ĸ		•
OTHER LOCATIONS					
TOTAL	:	-	-	•	•
PANAMA CANAL	<del>-</del>	-	•	•	•
ALASKA	-	-	•	•	+
GUANTANAMO BAY	<del>-</del>	*	-	*	•
	•	_	,		
TOTAL WORLDWIDE	۲ <del>۰</del>	5	8	7	-

<sup>-</sup> LESS THAN 30 RESPONDENTS. + LESS THAN HALF OF ONE PERCENT. \* NOT APPLICABLE.

TABLE 111-75

POPULATION USING OPIATES (OTHER THAN HEROIN)
DURING PAST 12 MONTHS
(PERCENTAGE)

CONUS  CO				SER	SERVICE	
### ### ### ### ### ### ### ### ### ##		T0TAL D0D	ARMY	NAVY	MARINE	AIR FORCE
##L ##L ##L ##L ##L ##L ##L ##L ##L ##L	CONUS					
6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	TOTAL	4	4	ß	9	-
## ## ## ## ## ## ## ## ## ## ## ## ##	E1-E5	ຮ	S	7	7	2
### ### ### ### ### ### ### ### ### ##	E6-E9.	+	+	+ -	-	0
66	01-03	+ (	- (	0 (	- (	+ (
66 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	04-06	0	<b>5</b>	5	>	0
15.55.  16.10.  17.10.  18.10.	TOTAL	Ą	ĸ	C	٠	•
1	E-1-F-3	חני	, ,	. n	٠	· (4
13.	E6-E9.	-	7	0	•	0
15. CONTROL CO	01-03	0	0	0	•	0
GG CCATIONS + + + + + + + + + + + + + + + + + + +	04-06	0	١	0	•	0
10. 1	⋖	-				
15.5.  15.5.  16.6.  17.5.  18.5.  18.5.  19	TOTAL	e .	က	<b>r</b>	ഗ	7
LOCATIONS  + + + + + + + + + + + + + + + + + + +		ص	ۍ .	<b>ග</b> (	٠ (	n (
LUCATIONS  LUCATIONS  LUCATIONS  LUCATIONS  LUCATIONS  LUCATIONS  AMORLOWIDE	E6-E9	•	. •	<b>o</b> c	0	00
LOCATIONS  1. 1. 2. 3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	:	+	- c	י כ		,
MORLOWIDE 5 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		,	>			•
MORLOWIDE	TDTAL	8	6	-	•	-
WORLDWIDE  WORLDWIDE	E1-E5	6	ທ	-	•	-
33	E6-E9	0	0	0		0
WORLDWIDE	:	0	ì	ı	•	-
MUXCLUMIDE		0	,	1	•	1
40-0-0		•	,	,		•
+ 0 0 0 + 0 0 0	TOTAL	4 t	4 (	្រ	9 :	- (
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000		+ (	- (	+ (	•	o •
++	W1-W4	ο .	0 ·	0 (	, ,	•
0 +	01-03.	+	- (	۰ ۵	- (	•
	04-06	+	5	၁	0	•

+ LESS THAN HALF OF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
+ NOT APPLICABLE.

NOTE: REGIONAL TOTALS INCLUDE W1-W4'S.

TABLE III-76

\*

POPULATION OF E1-E5'S USING OPIATES (OTHER THAN HEROIN)

OURING PAST 12 MONTHS

(PERCENTAGE)

			SER	SERVICE	
GEOGRAPHICAL REGION	T01AL 00D	ARMY	NAVY	MARINE	AIR FORCE
CONUS					
TOTAL	ഹ	D	7	7	7
EAST	ĸ	ß	7	6	7
	G	7	<b>c</b> 0	7	7
	I		,		)
TOTAL	r.	7	က	*	7
	9	7	*	٠	8
ITALY	4	*	4	•	•
ENGLAND	-	*	ı	*	-
SPAIN	7	•	_	•	6
PACIFIC					
TOTAL	មា	£0	9	7	6
HAWAII	4	7	7	4	-
UAPAN	7	e	60	6	4
KOREA	ស	7		•	4
PHILIPPINES	*	*	-	•	0
GUAM	80	•	80	•	•
OTHER LOCATIONS					
TOTAL	၈	Z.	-	٠	-
PANAMA CANAL	7	7	•	•	•
ALASKA	4	9	•	•	-
GUANTANAMO BAY	-	*	-	•	٠
4100	¥	(	r	r	,
TO DE MONTON TO LOS TOLLOS TO LOS TO LOS TO LOS TO LOS TO LOS TO LOS TOLLOS TOL	ח	0	-		7

LESS THAN 30 RESPONDENTS. LESS THAN HALF OF ONE PERCENT. NOT APPLICABLE.

Europe, each 4 percent; Pacific, 3 percent; Other Locations,
2 percent.

## Frequency of Current Use

Less than 1 percent of the military personnel worldwide reported they had used opiates other than heroin weekly or more frequently than weekly within the past 30 days (Table III-77). Frequency data by pay grade group and geographical region appear in Tables III-78 through III-81.

FREQUENCY OF OPIATE USE (OTHER THAN HEROIN)

OURING PAST 30 DAYS -- TOTAL DOD

(PERCENTAGE OF POPULATION)\*\* TABLE III-77

FREQUENCY DOD ARMY NAVY MARTINE ATR  FUENCY DAYS A WEEK.				SER	SERVICE	
AL DAYS A WEEK	REGION/ FREQUENCY	T07AL D0D	ARMY	NAV	MARINE	AIR
ALL DAYS A WEEK	CONUS					
RY DAY'S A WEEK. + + + + + + + + + + + + + + + + + + +	:	8	8	<del>5</del>	8	\$
DAYS A WEEK + + + + + + + + + + + + + + + + + +	DAY	+	+	•	•	٠
AT ALL  BOAYS A WEEK  AT ALL  BOAYS A WEEK  AT ALL  BOAYS A WEEK  BOAYS	√S A	+	0	+	•	0
DAYS A WEEK. + + + + + + + + + + + + + + + + + + +	<b>∀</b> S <b>∀</b>	•	+	+	•	•
AT ALL  AT ALL  BAYS A WEEK  TO DAYS A WEEK  T	YS A WEEK	•	+	+	•	0
AT ALL  BAYS A WEEK  BOAYS A WEEK  AT ALL  BOAYS A WEEK  BOAYS A WEEK  AT ALL  BOAYS A WEEK  BOAYS A	THAN ONCE A	<u>-</u>	-	-	-	٠
RY DAY  S THAN ONCE A WEEK  AT ALL  DAYS A WEEK  AT ALL  AT ALL  DAYS A WEEK  AT ALL  AT	AT	66	66	86	96	100
AL DAYS A WEEK	EUROPE					
RY DAY.  BOAYS A WEEK.  DAYS A WEEK.  AT ALL  DAYS A WEEK.  AT ALL  DAYS A WEEK.  TO DAYS A		ç	Ş	001		001
DAYS A WEEK. + + + + + + + + + + + + + + + + + + +		*	? +	?	•	*
DAYS A WEEK.  S THAN ONCE A WEEK.  AT ALL.  AT A		. •		•	•	• •
S THAN ONCE A WEEK 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1					•	9 0
AT ALL  AT ALL  AT ALL  BAYS A WEEK  BAYS A WEEK  AT ALL  BAYS A WEEK			• •	• ‹	•	0 (
AT ALL  AT ALL  RY DAY  RY DAY  BOYS A WEEK  TOTAL  AT ALL  AT ALL  AT ALL  AT ALL  AT ALL  BOYS A WEEK  TOTAL  TO	WEEK	-	_	0	•	0
AT ALL  AT ALL	THAN ONCE A	-	-	•	•	•
10	_	86	97	66	•	8
AL LODAYS A WEEK	PACIFIC				_	_
Navara   N		8	8	8	90	8
DAYS A WEEK. + + + + + + + + + + + + + + + + + + +	DAY	+	•	•	•	•
DAYS A WEEK	YS A WEEK	•	*	+	٠	0
S THAN ONCE A WEEK	YS A WEEK	+	+	٠	•	0
S THAN ONCE A WEEK 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	▼ S A	+	•	•	•	•
AT ALL LOCATIONS  AL LOCATIONS  AL AL BAYS A WEEK  BAYS A WEEK  AL AL BAYS A WEEK  BAYS A WEEK  AL BAYS A WEEK  BAYS A WEE	ONCE	-	•	-	-	•
LOCATIONS  RY DAY RY DAY RY DAY DAYS A WEEK DAYS A WEEK O O O O O O O O O O O O O O O O O O	AT All	66	ď	9	86	66
AL TO 100 100 100 100 100 100 100 100 100 10		}	3	<u>}</u>	}	1
RY DAY  DAYS A WEEK  DAYS A WEEK  DAYS A WEEK  DAYS A WEEK  A ALL  AND RY DAY  BANDLDWIDE  100  100  100  100  100  100  100  1	-	5	5	25	•	Ş
DAYS A WEEK  DAYS A WEEK  DAYS A WEEK  TALL  BAT ALL  BAT	DAY	3	3 0	3	•	2
DAYS A WEEK	YS A	0	0	· c	•	C
DAYS A WEEK	A SY	•	0	· c	•	•
S THAN ONCE A WEEK + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +	4 6 7 7		· c	· c	•	•
AT ALL  WORLDWIDE  NO 100 100 100 100 100 100 100 100 100 10	THAN ONCE A		· <del>-</del>	•	•	) C
#URLDWIDE  AL.	AT ALL	66	66	100	•	, <del>5</del>
AL STANDAY A WEEK + + + + + + + + + + + + + + + + + +			) )	2		2
DAY WEEK + + + + + + + + + + + + + + + + + +	⋖	90	90	ğ	8	50
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40 80 80 80 BO	THAN ONCE A	-	-	-	-	٠
	1 V 1	00	8	•		

+ LESS THAN HALF OF ONE PERCENT.
• NOT APPLICABLE.
•• PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

NOTE: FIGURES INCLUDE WI-W4'S.

FREQUENCY OF OPLATE USE (OTHER THAN HEROIN)
DURING PAST 30 DAYS - REGION: CONUS
(PEDCENTAGE OF DADIN ATTON) \*\*

			SER	SERVICE	
PAY GRADE/ FREQUENCY	T07AL D0D	ARMY	NAV	MARINE	AIR
E1-E5					
AL.	ş	8	8	\$	8
ZY DAY	+	+	+	+	* 1
DAYS	+	0	•	<b>+</b>	0
3-4 UAYS A WEEK	• •	• •	• •	• •	• (
THAN O		· <del>-</del>		· <del>-</del>	o +
AT ALL	86	66	80	97	66
			1		
TOTAL	\$	\$	8	8	8
Y DAY.	+	0	+	0	0
DAYS A	0	0	0	0	0
-4 DAYS A	0	0	0	0	0
JAYS A WEEK	+	0	+	0	0
S	+	0	+	0	0
•	<u>\$</u>	\$	<u>§</u>	8	8
01-03				ļ	
	8,	<u>§</u>	8	<u>8</u> '	8,
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3-4 DAVE A WEEK	> 0	0 6	<b>&gt;</b> C	o c	ර
DAYS	<b>+</b>	) C	<b>o</b> c	) <del>-</del>	o c
STHAND	+	· <del>-</del>	0	. 0	0
AT ALL	8	66	. 6	66	8
			)		)
نے	ş 8	8	<u>\$</u>	8	3
Y DAY	0	0	0	0	0
DAYS A	0	0	0	0	0
3-4 DAYS A WEEK	0 0	00	0 (	0 (	0 0
C THAN O	o c		0	00	0 0
AT ALL	\$ 6	5	2	ع د	وَ ح
:	)	)	)	?	; ;

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

TABLE III-79

FREQUENCY OF OPIATE USE (OTHER THAN HEROIN)
DURING PAST 30 DAYS--REGION: EUROPE
(PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
PAY GRADE/ FREQUENCY	TOTAL	ARMY	NAV	MARINE	AIR
21-F3					
	8	8	8	•	\$
	+	+	0	•	•
5-6 DAYS A WEEK	+	+	7	•	0
DAYS A	+	+	+	•	0
DAYS A WEEK	-	-	0	•	0
Ξ	-	2	+	٠	•
-	97	96	98	•	66
E6-E9					
•	8	8	8	•	<u>\$</u>
ZY DAY	0	0	0	•	0
<b>≯</b>	0	0	0	•	0
DAYS A	+	+	0	•	0
JAYS A WEEK	0	0	0	•	0
LESS THAN ONCE A WEEK	0	0	0	•	0
NOT AT ALL	8	8	8	•	<del>0</del>
01-03					
	\$	8	8	•	8
: <b>-</b>	0	0	0	•	0
DAYS A	0	0	0	•	0
DAYS A	0	0	0	*	0
DAYS A WEEK.	0	0	0	*	0
LESS THAN ONCE A WEEK.	0	0	0	*	0
NOT AT ALL	8	8	\$	•	<del>2</del>
04-06					
•	\$	1	8	•	8
AY DAY	0		0	•	0
DAYS A	0		0	•	0
DAYS A	0 (		0	•	0 1
JAYS A WEEK.	٥ (		0	•	0
H !	0		0	•	c
NOT AT ALL	8		8	•	100

LESS THAN HALF OF ONE PERCENT.
LESS THAN 30 RESPONDENTS.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE 111-80

FREQUENCY OF OPLATE USE (OTHER THAN HEROIN)

DURING PAST 30 DAYS--REGION; PACIFIC
(PERCENTAGE OF POPULATION)++

FREQUENCY   TOTAL   ARMY   NAVY   MARINE   AIR				SER	SERVICE	
FUES THAN DNCE A WEEK.  1-ES THAN DNCE A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A WEEK.	PAY GRADE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR
TOTAL  TOTAL  S-6 DAYS A WEEK  T-2 DAYS A WEEK  T-2 DAYS A WEEK  NOT AT ALL  DAYS A WEEK  T-2 DAYS A WEEK  T-2 DAYS A WEEK  NOT AT ALL  DAYS A WEEK  T-2 DAYS A WEEK  T-2 DAYS A WEEK  TOTAL  T						
5-6 DAYS A WEEK + + + + + + + + + + + + + + + + + +		8,	8,	8 1	8.	<u>\$</u> 1
3-4 Days A WEEK. + + + + + + + + + + + + + + + + + + +	YS A	• •	• •	• •	- 0	• 0
1-2 DAYS A WEEK	YS A	+	+	*	٠	0
LESS THAN DNCE A WEEK. 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DAYS A WEEK	+	+	+	-	+
6-E9  C-E9	THAN ONCE A	-	2	-	-	-
EVERY DAY.  5-6 DAYS A WEEK  0 0 0 0  0 0 0  0 0 0  0 0 0	NOT AT	<b>8</b> 6	97	86	86	66
EVERY DAYS A WEEK.  9-4 DAYS A WEEK.  1-2 DAYS A WEEK.  10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ٔ م	,	ç	,	3	
5-6 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	3 °	3 9	3 9	3 9	3 0
3-4 DAYS A WEEK	VS A JEEK	> c	) c	<b>&gt;</b> C	) c	<b>&gt;</b> c
1-2 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A WEEK	0	0	0	0	0
LESS THAN DNCE A WEEK. 0 0 0 0 100 100 100 100 100 100 100 10	DAYSA	0	0	0	· C	0
1-03 1-04 1-04 1-05 1-04 1-05 1-05 1-05 1-05 1-05 1-05 1-05 1-05	THAN ONCE A	0	0	0	0	0
1-03 1-04 1-05 1-05 1-05 1-05 1-05 1-05 1-05 1-05	<u>_</u>	<b>5</b>	\$	8	8	<b>5</b>
TOTAL.  FUERY DAY:  O	•					
EVERY DAY:  5-6 DAYS A WEEK.  1-2 DAYS A WEEK.  0 0 0  1-2 DAYS A WEEK.  0 0 0  0 0  1-2 DAYS A WEEK.  100 0 0  0 0  0 0  0 0  0 0  0 0  0 0		\$	8	8	,	8
5-6 DAYS A WEEK	AY DAY	0	0 (	0		0
1-2 DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A WEEK.	o ·	o •	0 0		0 0
LESS THAN DNCE A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A WEEK.	+ (	- (	0 0		<b>o</b> (
## 100 ##	THAN ONCE A	o c	) C	> C		o c
4-06 101AL 105 100	NT ALL	, §	66	, §		, §
AL 100	4-06					
AY DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTAL	9	0	,	ı	9
DAYS A WEEK. 0 0 0 DAYS A WEEK. 0 0 DAYS A WEEK. 0 0 S THAN ONCE A WEEK. 0 0 AT ALL. 100 100	RY DAY	0	0			0
AAYS A WEEK	DAYS A	0	0			0
THAN ONCE A WEEK. 0 0 100 100 100 100 100 100 100 100 10	-4 DAYS A	0	0			0
AT ALL	DAYS A WEEK.	0	0 (			0
A ALL	THAN ONCE A	0 9	0 9			0 ;
	- 4	3	3			3

<sup>+</sup> LESS THAN HALF OF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

FREQUENCY OF OPIATE USE (OTHER THAN HEROIN)
DURING PAST 30 DAYS--REGION: OTHER LOCATIONS
(PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
PAY GRADE/ FREQUENCY	TOTAL	ARMY	NAV	MARINE	AIR
E1-E5 TOTAL	80	80	80	•	90,
AYS A	00+	000	000		00+
1-2 DAYS A WEEK	0 + 6	o + 6	O - 66	• • •	0 0 0
TOTAL	ŏ • • •	800	800	• • •	000
	0000	0 0 0 <u>0</u>	0008	• • • •	0000
3 TAL	80000	ı	1	• • • •	
LESS THAN ONCE A WEEK.  NOT AT ALL  04-06  TOTAL  EVERY DAY.	08 800	!	t	• • • •	
0	0000		سو ا	••••	

LESS THAN HALF OF ONE PERCENT LESS THAN 30 RESPONDENTS NOT APPLICABLE PERCENTS MAY NOT ADO TO 100 DUE TO ROUNDING

#### Nonmedical Use of Any Drugs

Table III-82, III-83, III-84, and III-85 depict the proportion of the population that engaged in any nonmedical drug use. The prevalence rates are nearly identical to those discussed previously for marijuana/hashish use.

For example, Table III-82 shows that 27 percent of the respondents worldwide reported current use of at least one type of drug while Table III-1 shows that 26 percent reported current use of marijuana or hashish. Similarly, the comparable figures for annual use are: any nonmedical drug use, 36 percent (Table III-83); marijuana/hashish use, 35 percent (Table III-3). Clearly, nearly all nonmedical drug users used marijuana or hashish.

Because of the close correspondence between marijuana/ hashish use and any drug use, the patterns for these two types of prevalence are nearly identical.

POPULATION USING AT LEAST ONE TYPE OF DRUG DURING PAST 30 DAYS (PERCENTAGE) TABLE III-82

			SER	SERVICE	
GEOGRAPHICAL REGION/PAY GRADE	TOTAL DOD	ARMY	NA V	MARINE	AIR
CONUS					
TOTAL	28	30	35	39	14
E1-E5	40	42	20	51	21
E6-E9.	ı,	7	_	9	6
01-03	6	ß	8	9	8
:	-	٥	0	0	-
EUROPE		,	,	,	
TOTAL	24	59	19	•	4
E E	34	40	29	•	21
E6-E9	, m	4		*	
01-03	4	Ç	· C	•	
04~06	+	1		•	, -
PACIFIC					
TOTAL	22	21	25	29	7
E1-E5.	33	36	4	37	9
E6-E9	4	6	.c	ທ	၉
01-03	4	ហ	9	,	4
04-06	2	0	'	,	7
OTHER LOCATIONS					
TOTAL	23	30	22	•	-
E1-E5.	33	40	35	•	20
E6-E9.	4	თ	6	•	0
01-03	7	ı	1	•	٠
04-06	0	ı	1	•	
TOTAL WORLDWIDE					
TOTAL	27	59	33	37	4
£1-£5	38	4	48	84	2.1
E6-E9.	S	9	9	ц	2
W1-W4	3	J.	0	,	•
01-03	4	S.	3	'n	2
04-06	•	c	_		•

LESS THAN HALF OF ONE PERCENT LESS THAN 30 RESPONDENTS NOT APPLICABLE

NOTE: REGIONAL TOTALS INCLUDE W1-W4'S.

TABLE 111-83

POPULATION USING AT LEAST ONE TYPE OF DRUG DURING PAST 12 MONTHS (PERCENTAGE)

GEOGRAPHICAL         TOTAL         ARMY         NAVY         MARINE         AIR           COMUS         TOTAL         57         38         45         49         22           FE-ES         51         53         61         62         33           E-ES         51         53         61         62         33           E-ES         51         51         63         49         22           E-ES         34         39         29         11         8           E-ES         48         53         41         6         2           E-ES         5         6         12         2         1           D-O-OS         7         7         6         1           D-O-OS         3         3         2         2         1           E-E-ES         6         8         8         10         1           E-E-ES         6         10				SER	SERVICE	
37 38 45 45 49 45 49 45 49 48 45 49 49 49 49 49 49 49 49 49 49 49 49 49	GEOGRAPHICAL REGION/PAY GRADE	TOTAL DOD	ARMY	NAVY	MARINE	AIR FORCE
37     38     45     49       41     41     41     41       48     53     61     62       48     53     41     41       48     53     41     41       48     48     49     56       6     10     7     6       6     10     7     6       7     7     7     6       8     8     10     8       9     10     7     6       11     20     7     6       11     20     7     6       11     20     7     6       11     20     7     6       12     10     12     14       14     4     6     0       15     10     12     10       16     10     12     10       17     10     12     10       16     10     12     10       17     10     10     10       10     12     10     10       10     12     10     10       10     12     10     10       10     10     10     10       10	SOMOS					
51 53 61 62 9 11 11 13 2 2 1 1 1 3 48 53 41 8 11 5 6 61 62 11 1 3 3 12 12 12 12 6 10 7 7 8 8 8 8 10 85 6 10 7 7 8 11 20 7 7 8 11 20 7 7 8 11 20 7 7 8 12 20 7 7 8 13 36 38 43 47 14 6 6 0 61 15 61 62	TOTAL	37	38	45	49	22
11	E1-E5	51	53	19	62	33
9 11 8 11	:	-	‡	+3	Ξ	9
2 1 1 1 3  48 48 53 41 41  5 6 6 12 12 43  48 8 8 9 10 8 8  6 10 7 7 7  11 20 7 7 8  11 20 7 7 8  12 22	:	6	Ξ	<b>6</b> 0	=	œ
34 48 53 41 41 41 41 41 41 41 41 41 41 41 41 41	:	7	-	•	٣	2
48 53 41 41 42 43 43 44 45 45 45 45 45 45 45 45 45 45 45 45	EUROPE	76	66	0,	•	40
5 6 12 12 14 15 15 16 16 17 17 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19		. 60		4 4	•	96
9 12 12 12 48 48 49 55 56 66 66 10 7 7 7 8 8 8 10 8 8 10 8 8 10 8 8 10 8 8 10 8 8 10 8 8 10 8 8 10 8 8 10 8 8 10 8 10 8 10 8 10 8 10 8 10 8 10 8 10 10 10 10 10 10 10 10 10 10 10 10 10		, IO	y	42	•	; ~
4	:	6	12	12	•	n
33 30 33 43 48 8 8 10 6 10 7 7 8 8 10 3 2 2	04-06	+	1	0	*	-
33 30 33 43 43 44 45 49 55 66 61 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10	PACIFIC					
48 49 55 56 61 10 12 10 8 8 10 8 8 10 8 8 10 8 8 10 10 10 10 10 10 10 10 10 10 10 10 10	TOTAL	33	30	33	43	26
8 10 8 10 10 8 10 10 10 10 10 10 10 10 10 10 10 10 10	E1-E5	48	49	52	26	34
6 10 7	E6-E9	60	æ	ō	60	9
34 42 31 42 31 44 45 52 48 47 48 47 48 47 48 47 48 47 48 47 48 47 47 48 47 47 48 47 47 48 47 47 48 47 47 48 47 47 48 47 47 48 47 47 48 47 47 47 47 48 47 47 47 47 47 47 47 47 47 47 47 47 47	:	9	õ	7	,	œ
34 42 31 4 45 11 4 45 11 4 45 11 4 45 11 4 45 11 4 45 11 4 47 11 11 11 11 11 11 11 11 11 11 11 11 11	04-06	n	5	•	,	o O
34 42 31 31 31 31 31 31 31 31 31 31 31 31 31	OTHER LOCATIONS	,				
45	•	34	42	3.	•	22
36 38 43 47 59 61 61 61 61 61 61 61 61 61 61 61 61 61		t +	7 0	4. 10 t	•	S,
36 38 43 47 50 53 59 61 70 12 10 70 12 10 71 10 75	01-03	- 60	Ş '	- 1	• •	at i
36 38 47 50 53 59 61 9 10 12 10 2 12 9 6		C	,	,	•	1
36 38 43 47 50 53 59 61 9 10 12 10 2 12 9 8	TOTAL WORLDWIDE	,				
50 53 59 61 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 12 10 12 12 12 12 12 12 12 12 12 12 12 12 12	TOTAL	36	38	43	47	23
12 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E1-E5	50	53	59	61	33
2 12 0 0 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2	E6-E9	o	10	5	9	y
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	W1-W4	4	g	0		•
	01-03	თ	12	o	80	7
	04-06	7	-	-	ß	2

LESS THAN HALF OF ONE PERCENT. LESS THAN 30 RESPONDENTS. NOT APPLICABLE.

NOTE: REGIONAL TOTALS INCLUDE W1-W4'S.

TABLE III-84

POPULATION OF E1-E5'S USING AT LEAST ONE TYPE OF DRUG

(PERCENTAGE)

PHICAL TOTAL AR GRADE DOD A40 41 37 37 27 27 28 28 28 28 28 28 28 30 30 30 30 30 30 30 30 30 30 30 30 30	N A	MARINE CORPS 51 52	A1R FORCE
24 4 5 3 3 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0 8 4 0 c	51 52	
04 4 6 6 6 7 7 7 7 8 8 8 7 7 7 8 8 8 8 8 8 8	05 4 5 6 8 4 6 6	52	
2 2 2 2 2 3 3 4 4 2 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9	4 R) C	52	21
7	4 0		23
2 1 2 2 3 4 4 5 4 5 4 5 6 6 7 4 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	0,	5.	50
20	20		
2	}	*	21
2	*	•	22
2 2 2 2 4 3 2 4 3 2 4 3 2 4 3 3 4 4 3 4 4 3 4 4 4 4	27	•	•
4 6 4 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4	,	•	19
	33	•	20
4 2 2 2 2 4 4 4 4 5 6 6 4 4 6 6 6 6 6 6 6 6 6 6 6	42	37	19
	5.1	4 4	17
0.80 tb	32	33	£,
	•	•	22
	33	•	25
( (	43	•	•
(()			
101AL	38	•	20
• • • • • • • • • • • • • • • • • • • •	•	•	•
_	•	•	20
GUANTANAMO BAY 35	35	•	•
TOTAL WORLDWIDE	84	60	2.1

- LESS THAN 30 RESPONDENTS. \* NOT APPLICABLE.

TABLE 111-85

POPULATION OF E1-E5'S USING AT LEAST ONE TYPE OF DRUG DURING PAST 12 MONTHS (PERCENTAGE)

			SER	SERVICE	
GEOGRAPHICAL REGION/PAY GRADE	T0TAL D00	ARMY	NAV	MARINE	AIR
CONUS					
TOTAL	51	53	61	62	33
EAST	52	53	59	62	34
WEST	49	53	99	63	32
EUROPE					
TOTAL	48	53	4	•	96
GERMANY	51	53	•	•	37
ITALY	38	•	38	*	•
ENGLAND.	38	•	1	•	33
SPAIN	36	•	45	*	32
PACIFIC					
TOTAL	48	49	55	26	34
HAWAII	57	09	64	5.8	33
OAPAN	44	33	46	55	59
KOREA	46	49	*	•	42
PHILIPPINES	33	*	49	*	33
GUAM	52	•	52	•	•
OTHER LOCATIONS					
TOTAL	45	52	48	•	30
PANAMA CANAL	45	45	•	•	•
ALASKA	43	57	•	*	30
GUANTANAMO BAY	8	*	48	•	•
TOTAL WORLDWIDE	20	53	59	9	33

- LESS THAN 30 RESPONDENTS. \* NOT APPLICABLE.

#### Multiple Drug Use

"Multiple drug use" refers to the use of more than one type of drug during a specified period. The drug types considered are the nine categories previously discussed in this section. Thus, for the purpose of this analysis, a person using (say) two different barbiturate drugs nonmedically during a specified period is counted as using only one drug type (i.e., barbiturates/other downers), assuming he or she uses no other types of drugs. Because nonmedical drug use was largely limited to the El-E5 pay grade group, the analysis of multiple drug use is limited to that group.

#### Prevalence During Past 30 Dais

Table III-86 depicts the percentage of El-E5's using drugs nonmedically during the past 30 days. The dominant pattern is use of only one type of drug; 24 percent of all the El-E5's worldwide reported using only one type of drug while 15 percent reported using more than one (7 percent used two, 4 percent used three, and 4 percent used four or more types of drugs).

The highest regional prevalence of multiple drug use among El-E5's during the past 30 days is found in CONUS (15 percent).

## Prevalence During Past 12 Months

The patterns of nonmedical multiple drug use among El-E5's during the past 12 months are more varied than for prevalence during the past 30 days. Among all El-E5 respondents worldwide, 26 percent reported using two or more

TABLE 111-86

PERCENTAGE OF E1-E5 POPULATION USING DPUGS BY NUMBER OF DRUG TYPES USED DURING PAST 30 DAYS

COMUS         ARMY         NAVY         MARTINE         ATR           CONUS         CORDS         FORCE         CORDS         FORCE           CONUS         1         49         51         21           1 DOTAL         24         28         26         30         15           2 DRUGS         7         6         10         8         4           2 DRUGS         4         3         6         7         1           4 OR MORE DRUGS         23         26         22         1         5           2 DRUGS         5         6         4         6         15           2 DRUGS         5         6         4         6         14           4 OR WORE DRUGS         5         6         4         1           2 DRUGS         6         5         10         7         4           4 OR WORE DRUGS         3         3         3         4         1           2 DRUGS         6         5         24         1         4         1           3 DRUGS         3         3         3         4         1         4           4 OR WORE DRUGS         3 <td< th=""><th>GEOGRAPHICAL REGION/</th><th>TOTAL</th><th></th><th>SER</th><th>SERVICE</th><th></th></td<>	GEOGRAPHICAL REGION/	TOTAL		SER	SERVICE	
GS 39 41 49 51 7 6 6 6 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8		Q0Q	ARMY	NA V	MARINE	AIR FORCE
GS. 39 41 49 51 66 66 66 6 6 6 6 6 6 6 6 6 6 6 6 6 6	COMUS					
GS	TOTAL	33	4	49	51	21
GS. 34 4 4 9 6 10 8 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1 DRUG	24	28	56	30	5
GS. 4 4 3 7 6 6 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2 DRUGS	7	v	ō	60	4
GS. 4 3 6 7 7 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3 DRUGS	4	n	-	9	-
GS 34 40 29 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	MORE	7	ღ	9	7	-
GS. 34 40 29 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	EUROPE					
GS. 23 26 22 36 4 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6	TOTAL	34	40	29	•	50
GS. 32 36 44 4 65 66 66 66 66 66 66 66 66 66 66 66 66		23	56	22	•	5
GS. 32 4 5 3 1 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		r.	9	4	•	က
GS. 4		7	ო	-	•	-
GS. 32 36 42 36 55 66 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	OR MORE DRUGS.	4	u)	2	•	-
32 36 42 36 24 22 36 65 66 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	PACIFIC					
GS 25 24 22 25 33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	TOTAL	32	36	42	36	6
GS		2	25	24	22	7
GS. 33 3 3 3 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6		9	ស	9	7	4
GS		ო	7	ഗ	4	+
GS 32 38 35 4 4 4 4 4 4 4 4 4 4 6 6 6 6 6 6 6 6 6	4 OR MORE DRUGS	၈	က	6	4	-
32 38 35  23 26 255  4 6 3 2 3 3 5  6 3 3 48 40 48 48 48 48 48 48 66 66 66 66	OTHER LOCATIONS					
23 26 25 26 25 27 28 28 26 28 28 26 28 26 28 26 28 26 28 26 28 26 28 26 28 26 28 26 28 26 28 26 26 26 26 26 26 26 26 26 26 26 26 26	TOTAL	32	38	35	٠	19
GS		23	56	25	•	91
GS		4	9	6	•	C
GS		7	60	8	•	•
38 40 48 48 48 48 48 48 48 48 48 48 48 48 48	4 OR MORE DRUGS	6	ო	ស	•	+
38 40 48 48 28 26 28 7 6 9 8 6 6 6 6 6	TOTAL WORLDWIDE					
DRUG.     24     28     26     28       DRUGS.     7     6     9     8       DRUGS.     4     3     6     6       OR MORE DRUGS.     4     4     6     6	TOTAL	38	40	48	48	2.1
DRUGS		24	28	56	28	£5
DRUGS 4 3 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		7	y	6	80	4
OR MORE DRUGS 4 4 6		4	က	Œ	9	-
		4	4	g	9	_

\* NOT APPLICABLE + LESS THAN HALF OF ONE PERCENT.

types of drugs while 24 percent reported using one type (Table III-87). The prevalence was higher in CONUS than in any other region; 27 percent of the El-E5 population in CONUS reported use of two or more drugs within the preceding 12 months.

TABLE 111-87

PERCENTAGE OF E1-E5 POPULATION USING DRUGS BY NUMBER OF DRUG TYPES USED DURING PAST 12 MONTHS

AND TO LE LE LE LE LE LE LE LE LE LE LE LE LE	TOTAL		SER	SERVICE	
	000	ARMY	NAV	MARINE	AIR FORCE
CONUS					
0	20	52	9	62	32
	24	28	23	25	20
	<b>60</b>	<b>6</b> 0	6	6	5
3 DRUGS	9	D.	80	7	6
4 OR MORE DRUGS	13	=	21	21	ស
EUROPE					
TOTAL	48	54	4	•	36
	. 26	28	22	•	22
DRUGS	7	80	9	•	ß
	4	n.	2	•	4
4 OR MORE DRUGS	=	13	7	•	ß
~					
TOTAL	48	49	55	55	34
1 DRUG	25	30	56	25	21
2 DRUGS	60	æ	6	6	S
	4	6	7	S	e 
OR MOR	5	80	£	9	S.
OTHER LOCATIONS					
TOTAL	44	51	48	•	29
1 DRUG	22	24	21	•	6
2 DRUGS	6	7	4	•	Q
		80	S.	•	-
OR MORE DRU	60	=	60	•	6
TOTAL WORLDWIDE					
TOTAL	. 50	52	59	9	33
	24	28	23	25	20
2 DRUGS	80	80	6	6	ıΩ
_	5	S.	7	9	e
4 OR MORE DRUGS.	£	=	6	c C	3

\* NOT APPLICABLE.

# Combined Use of Drugs and Alcohol

Table III-88 displays how often each of the nine types of drugs listed had been used in combination with alcohol by E1-E5's. Many of these drugs act synergistically with alcohol; combined use may produce unforeseen and even dangerous effects. Marijuana or hashish is used more often with alcoholic beverages than any of the other drugs. Forty-eight percent of the E1-E5 group, worldwide, indicated they had used marijuana or hashish at least once together with alcohol and 20 percent reported combined use frequently (13 percent "very often" and 7 percent "always"). Cocaine and amphetamines or other uppers are the next most frequently reported drugs used with alcohol. Sixteen percent of E1-E5 respondents had used cocaine with alcohol and 16 percent had used amphetamines or other uppers with alcohol.

For the remaining six drug types, combined use with alcohol is less frequent, ranging from 12 percent for other hallucinogens to 3 percent for heroin.

<sup>&</sup>lt;sup>1</sup>The questionnaire did not specify a time frame; therefore the time frame could have been interpreted to encompass 30 days, past 12 months, or ever.

TABLE III-88
COMBINED USE OF DRUGS
AND ALCOHOL

(PERCENTAGE OF E1-E5 POPULATION)..

ORUG TYPE/	TOTAL		SERV	SERVICE	
FREQUENCY	200	ARMY	NA V Y	MARINE CORPS	A I R F ORCE
MARI JUANA/HASHI SH					
TOTAL	52	5 č	00 24	<u> </u>	100 67
ONCE	· w	9	S	<b>8</b> 0	9
SOMETIMES.	22	24	24	25	7,
ALWAYS	,	· 6	o	ō	c
ace					
NEVER	93	0 0 0 0	00	\$ <b>6</b>	100 86
ONCE	, m	9.00	, io	7	-
SOMETIMES	ო -	ю <b>-</b>	ۍ÷	- ي	- •
ALWAYS		•	• ••-		•
OTHER HALLUCINDGENS	001	001	Ç	90	Ç
NEVER	88	601	82	် စ	56
ONCE	21	81	77 (	Ĉ,	<b>~</b> (
VERY OFTEN	۰ و	ა ∽	0,0	- 6	-n -
ALWAYS		. 73	10	) m	. <b>.</b> -

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

TABLE III-88 (Con't)
COMBINED USE OF DRUGS
AND ALCOHOL

(PERCENTAGE OF E1-E5 POPULATION) \*\*

,					
COCAINE	3	ARMY	> <b>V</b>	MARINE	A1R FORCE
TOTAL					
	100	901	8	\$	8
NEVER	84	85	7.7	7.5	92
ONCE	m	m	ব	3	~
SOMETIMES	<b>o</b> (	œ (	5.	£ .	<del>ग</del> •
VERY OF LEN	n (	7	4 (	٠ ٢	
ALWAYS	7	7	7	e e	-
AMPHETAMINES/					
OTHER UPPERS					
TOTAL	8	8	8	8	500
NEVER	87	86	91	7.8	91
ONCE	n	က	က	c	2
SOMETIMES	6	80	14	12	S
VERY OFTEN	<b>е</b>	2	r.	7	-
ALWAYS	7	2	7	E	-
TRANQUILIZERS					
TOTAL	8	8	100	001	100
NEVER	66	94	68	90	9.1
ONCE	0	5	<b>г</b>	2	-
SOMETIMES	4	С	9	S	2
VERY OFTEN	-	-	5	-	•
ALWAYS	-	-	-	-	•

+ LESS THAN HALF OF ONE PERCENT.

TABLE III-88 (Con't)
COMBINED USE OF DRUGS
AND ALCOHOL

(PERCENTAGE OF E1-E5 POPULATION) \*\*

DRUG TYPE/	TOTAL	,	SER	SERVICE	
FREQUENCY	000	ARMY	NAV	MARINE	AIR FORCE
BARBITURATES/ OTHER DOWNERS					
TOTAL	8:	8.	8	8.	٥ م
ONCE	. 7 4	, 7		- <b>7</b> (	<b>,</b> ~ °
VERY OFTEN	·		- 20	)	* * *
HEROIN	8	8	8	93	5
NEVER	16	96	76	866	66
SOMETIMES VERY OFTEN	· <del>-</del> +	- 6 +		+	
ALWAYS.	<u>+</u>	<del>-</del>	<del>-</del>	+	•
OTHER OPIATES TOTAL	8	00+	9	001	9
NEVER	94	94	2 2	06 E	97
SOMETIMES.	e +	e -	ഗ <del>-</del>	7-	- •
ALWAYS	+	1	-	-	•

+ LESS THAN HALF OF ONE PERCENT
-- PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

#### Drug Dependence

Any operational definition of drug dependence is likely to be controversial. The controversy is particularly sharp when one attempts to differentiate between "physiological" and "psychological" dependence.

For the purpose of this analysis, a person is defined as having been physiologically drug dependent during the past 12 months if he or she falls in one or more of the following categories:

- Used one of the following drugs nonmedically at least five times per week during the past 30 days: barbiturates/other downers, heroin, or other opiates.
- Experienced sickness (i.e., withdrawal symptoms) because use of addictive drugs was stopped; symptoms include: "runny nose or eyes," "flushed or sweaty," "chills," "nausea or vomiting," "stomach cramps," diarrhea," "muscle pains," etc.
- 3. Was detoxified because of drug use.

Simply stated, the rationale for this operational definition of drug dependence is based on a body of knowledge that a person who was physiologically drug dependent must be in at least one of the three categories. It is also recognized that there may be cross tolerances between certain drugs; in such cases, one may substitute one drug for another without experiencing withdrawal symptoms. A notable example is heroin and methadone; addicts commonly substitute methadone when heroin is not available. This substitution avoids withdrawals symptoms. For this reason, this operational

definition of addiction does not rigidly require use of a particular drug every day, but rather nearly every day.

It is also commonly recognized that a person who discontinues use of the drug on which he or she is physiologically dependent will experience one or more of the withdrawal symptoms stated in (2) above unless he or she is detoxified under medical supervision. Thus, a person who experienced withdrawal symptoms after discontinuing use of an addictive drug or who was detoxified is also classified as having been physiologically dependent.

For the purpose of this analysis, a person is classified as psychologically drug dependent who experiences sickness (i.e., withdrawal symptoms) because he or she stopped use of one or more non-addictive drugs; the symptoms are the same as defined earlier for physiological addiction. It is possible that a person experiencing withdrawal symptoms after stopping use of addictive drugs is really psychologically rather than physiologically dependent. But such a distinction may be difficult to make in a clinical setting and is impossible to make on the basis of survey findings.

Table III-89 depicts the percentage of E1-E5 respondents who were drug dependent at some time during the preceding 12 months. Two totals are presented: (1) the percentage of respondents who were physiologically dependent (i.e., who either used an addictive drug at least five times per week during the past 30 days, or became sick--experienced

TABLE III-89

DEPENDENCE ON DRUGS DURING PAST 12 MONTHS (PERCENTAGE OF E1-E5 POPULATION)

DEPENDENCE			SER	SERVICE	; ; ;
CRITERIA	TOTAL DOD	ARMY	VAN	MARINE	AIR
USED AN ADDICTIVE DRUG AT LEAST 5 TIMES A WEEK 1/	-	-	-	-	•
SICK BECAUSE STOPPED USING ADDICTIVE DRUG	2	2	~	2	+
DETOXIFIED BECAUSE OF DRUG USE	-	<b></b>	-	-	*
SICK BECAUSE STOPPED USING NONADDICTIVE DRUG 2/	2	8	8	8	•
TOTAL IN 1, 2, OR 3	£.	4	e	4	<b>-</b>
TOTAL IN 1, 2, 3 0R 4.	4	S	4	r.	-

4/ ADDICTIVE DRUGS: BARBITURATES/ OTHER DOWNERS, HEROIN, OR OTHER OPIATES.
2/ NONADDICTIVE DRUGS. MARIJUANA/ HASHISH, PCP. OTHER HALLUC, NOGENS. AMPHETAMINES/OTHER UPPERS, COCAINE, GLUES/ OR INHALANTS.
+ LESS THAN HALF OF ONE PERCENT.
• UNDUPLICATED COUNT. AN INDIVIDUAL IS COUNTED ONLY ONCE IF HE FALLS IN MORE THAN ONE CRITERIA CATEGORY.

withdrawal symptoms as described above—because they stopped using an addictive drug during the past 12 months, or were detoxified because of drug use in the past 12 months);

(2) the percentage of respondents who were either physiologically or psychologically drug dependent (i.e., who experienced withdrawal symptoms because they stopped using non-addictive drugs or were in the first total). Thus, the "total in 1, 2, 3 or 4" represents an unduplicated count of persons who were physiologically dependent, psychologically dependent, or both physiologically and psychologically dependent.

Three percent of the respondents were classified as physiologically drug dependent in the first total (i.e., "1, 2, or 3"). Adding the respondents who reported only withdrawal symptoms after ceasing use of non-addictive drugs increases the total DOD prevalence by 1 percent (from 3 to 4 percent). This is because some respondents were both physicalogically and psychologically dependent on drugs.

#### Consequences of Drug Use

The respondents were asked to indicate whether certain physical, social or work consequences had occurred because of their use of drugs during the past 12 months.

First, two general consequences that stem immediately from drug use are considered: "used more drugs than planned" and being "high more than one day at time." Table III-90 shows that 10 percent of E1-E5 respondents reported they had "used more drugs than planned" at least once during the preceding 12 months and 17 percent reported being "high more than one day at a time." Nineteen percent indicated they had suffered at least one of these consequences during that period.

A further consideration is 15 more specific consequences of diug use. Table III-91 depicts the percentage of E1-E5 respondents who reported each of these 15 physical, social, or work consequences had occurred at least once during the preceding 12 months. It is believed that this set of consequences constitutes a superior indication of hard core drug problems than the first set described above. There was considerable overlap in responses among the 15 specific consequences. This implies, for example, that a person who received judicial or Article 15 punishment because of drug use might also have failed to get promoted. The total figures in Table III-91 show that 10 percent of E1-E5 respondents reported at least one of the 15 consequences had occurred during the preceding 12 months.

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# TABLE III-90 GENERAL CONSEQUENCES OF DRUG USE DURING PAST 12 MONTHS (PERCENTAGE OF E1-E5 POPULATION)

			SE	RVICE	
CONSEQUENCES	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE
USED MORE DRUGS THAN PLANNED	10	9	13	14	6
HIGH MORE THAN ONE DAY AT A TIME	17	16	22	24	9
TOTAL WITH EITHER CONSEQUENCE	19	18	25	27	11

TABLE III-91

SPECIFIC CONSEQUENCES OF DRUG USE DURING PAST 12 MONTHS

(PERCENTAGE OF E1-E5 POPULATION)

			SERVI	CE	
CONSEQUENCES	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE
ILLNESS KEPT FROM DUTY 1 WEEK OR LONGER	2	3	1	2	<b>+</b>
DIDN'T GET PROMOTED	3	4	3	5	1
GOT LOWER SCORE ON EFFICIENCY OR PERFORMANCE REPORT	3	3	3	5	1
RECEIVED JUDICIAL OR ARTICLE 15 PUNISHMENT	4	5	4	5	2
ARRESTED FOR DRIVING AFTER USING DRUGS	1	2	1	2	1
ARRESTED FOR NON-DRIVING DRUG INCIDENT	4	4	4	6	2
INCARCERATED DUE TO DRUG USE	2	1	2	3	1
HURT IN ACCIDENT CONNECTED WITH DRUG USE	2	2	2	2	+
DRUG USE CAUSED ACCIDENT WHERE OTHERS HURT OR PROPERTY DAMAGED	1	1	2	2	1
SPOUSE THREATENED TO LEAVE	2	2	2	2	1
HIT SPOUSE OR CHILDREN	1	1	1	1	+
SPCUSE LEFT	1	1	1	1	<b>'</b> +
ENTERED REHABILITATION OR TREATMENT PROGRAM	2	2	1	2	2
ATTENDED TRAINING OR EDUCATION PROGRAM	2	3	1	3	1
DETOXIFIED	1	1	1	1	+
TOTAL WITH ANY CONSEQUENCES <sup>a</sup>	10	11	13	15	5

<sup>&</sup>lt;sup>a</sup>PERCENTAGE OF POPULATION REPORTING AT LEAST ONE OF THE CONSEQUENCES DURING THE PAST 12 MONTHS.

<sup>+</sup> LESS THAN ONE-HALF OF ONE PERCENT.

Another analysis investigated the extent to which respondents reported at least one of the 17 consequences of drug use occurring (i.e., combing the two general consequences and the 15 specific consequences). Twenty-three percent of the E1-E5 respondents indicated that at least one of the 17 consequences had occurred at least once during the past 12 months. 1

The number of times any of the 17 general and specific consequences occurred is depicted in Table III-92. Among the respondents who had suffered any consequences, the median number of times a consequence had occurred was three.

<sup>1</sup>The percentage by Service were: Army, 23 percent;
Navy, 30 percent; Marine Corps, 31 percent; and Air Force,
13 percent.

TABLE III-92
NUMBER OF TIMES ANY CONSEQUENCE OF DRUG USE OCCURRED DURING PAST 12 MONTHS

(PERCENTAGE OF E1-E5 POPULATION) \*\*

	A1R FORCE	000 000 000 000 000 000 000 000 000 00
SERVICE	MARINE	00 4 E 0 4 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SER	NAVY	007
	ARMY	100 77 3 2 7 7 1 1 1 1
TOTAL	000	001 7
	NUMBER OF TIMES	107AL 0 1 2 2 3 3 4 4 5 5 6 - 8 6 - 8 12 - 14 15 - 19 20 0R MORE

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

## Work Impairment Because of Drug Use

Another way of investigating consequences of drug use is to focus on the extent to which a person's drug use affects his or her work performance. Table III-93 shows the proportion of respondents who reported that their use of drugs had impaired their ability to work during the past 12 months.

Four types of work impairment are considered (the verbatim questions are in parentheses):

- Lowered Performance ("I did not work at my normal level of performance because of my use of drugs.")
- Late For Work/Left Early ("I was late for work or left early because of my use of drugs.")
- Did Not Come To Work ("I did not come to work because of my use of drugs.")
- High While Working ("I was high while working because of my use of drugs.")

The type of work impairment most frequently reported was "high while working" (19 percent); nearly half of these respondents (9 percent) reported experiencing this on 40 or more days during the preceding 12 months. Substantially lower proportions of respondents reported other work consequences (lowered performance, 10 percent; late for work or left early, 6 percent; did not come to work, 4 percent).

The last row in Table III-93 labeled "TOTAL WITH ANY IMPAIRMENT" reflects unduplicated counts of the proportion of E1-E5 respondents who reported having experienced any one or more of the four types of work impairment because of drug use. Twenty-one percent of all E1-E5 respondents indicated

TABLE III-93
WORK IMPAIRMENT DUE TO DRUG USE DURING PAST 12 MONTHS
(PERCENTAGE OF E1-E5 POPULATION)\*\*

I MP A I RMENT / NUMBER	TOTAL		SER	SERVICE	
OF DAYS HAPPENED	000	ARMY	NAV.	MARINE	AIR FORCE
LOWERED PERFORMANCE					
	9	9	8	8	8
0	6	88	88	887	97
	7	7	က	ო	-
2-3	7	ო	၉	ღ	*
4-11	7	7	4	က	-
-39	-	-	7	-	+
40 OR MORE	ო	ო	4	<b>Б</b>	+
LATE FOR WORK/IFFT FARIY					
TOTAL	8	8	\$	8	\$
0	94	92	92	92	86
	-	~	-	7	-
2-3	-	-	7	7	•
4-41	-	-	7	-	+
ရ	-	-	-	+	+
40 OR MORE	7	e -	8	2	+
DID NOT COME TO WORK					
T07AL	8	8	8	8	8
0	96	94	96	95	66
	-	-	-	-	+
2-3	-	-	-	-	•
4-11	+	-	+	+	•
40 OR MORE	+ 6	- m	+ ~	٠ ،	• •
641					
TOTAL	\$	9	8	8	8
0	8	79	74	7.5	92
	7	7	7	က	-
2-3	ဇ	က	6	ო	-
4-11	e	4	4	е	7
-39 -	6	ю	4	9	-
40 OR MORE	o o	o .	13	2	C
TOTAL WITH ANY IMPAIRMENT 1/	21	22	ec c	80	σ
		,	3	2	,

1/ PERCENTAGE OF POPULATION WITH ANY IMPAIRMENT
AT LEAST ONCE DURING PAST 12 MONTHS
+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUF TO ROUNDING.

they had experienced at least one work impairment. Since this figure is only slightly larger than the percentage (19 percent) reporting that they were "high while working," it is apparent that nearly all of the persons who suffered one or more consequences reported being "high while working."

#### IV. ALCOHOL USE

This chapter is organized to proceed sequentially from what would be considered "normal" to more "pathological" drinking behavior and finally to consequences of alcohol use. The following issues are addressed sequentially:

- . What is the prevalence of drinking different types of alcoholic beverages (i.e., beer, wine, hard liquor) among military personnel?
- . How frequently is each type of alcoholic beverage consumed?
- . What is the quantity of each beverage consumed on a "typical" drinking day?
- . How frequently do military personnel engage in "heavy drinking" (i.e., consume eight or more drinks in a single day)?
- . What proportion of military personnel suffer from "adverse physiological effects" of alcohol?
- . What proportion of military personnel are "alcohol dependent?"
- . What proportion of military personnel suffer certain consequences of alcohol use?
- . To what extent does alcohol use cause work impairment among military personnel?

### Prevalence of Alcohol Use

The respondents were questioned in detail about their drinking behavior. Questions focused on: (1) length of time since last use of alcohol, (2) whether they drank at all during the past 30 days, (3) their frequency of drinking each type of alcoholic beverage during the past 30 days,

(4) the quantity of each beverage consumed on a typical

drinking day during the past 30 days and (5) the frequency of consuming eight or more cans, glasses, or drinks during the past 12 months.

Length of Time Since Last Use of Alcohol

The data in Table IV-1 show the length of time since the individual had his or her last drink. Only 8 percent of the respondents said that either they had never used alcohol (4 percent) or that it had been more than 12 months since they had had a drink (another 4 percent). Thus it can be said that practically all of the servicemembers drink an alcoholic beverage at least once in a while.

LENGTH OF TIME SINCE LAST USE OF ALCOHOL (PERCENTAGE OF POPULATION) ... TABLE 1V-1

LAST USE/	TOTAL				
PAY GRADE	000	ARMY	V V V	MARINE	ATR
E1-E5			ļ   		: ! ! !
	8	<del>t</del> 00	100	100	100
WITHIN - MONTH	83	8 1	88	98	82
1-3 MONTHS	9	9	ភ	ď	و
	5	7	2	2	7
MONTHS	-	2	-	-	-
	e	4	2	2	7
NEVER USED ALCOHOL	7	و	7	6	7
63-93					
TOTAL	100	90	90	001	100
HINON + NIHIIM	77	75	2.0		
SHINON C+F	- α	. u		2 14	
WOMEN'S	י פ	· ·	n (	····	n c
AL-6 MUNITS	7	~ ·	5	7	?
7-12 MONTHS	5	7	۲.	7	7
MORE THAN 1 YEAR.	7	<b>6</b> 0	y	9	œ.
NEVER USED ALCOHOL	7	7	r.	~	~
01-03					
TOTAL	00	ç	001	001	100
	000	2	a	5 6	à
SHINON C-1	4	3 (4	3 6	,	• "
STATE OF	, (	• •	7 (	· ·	0.0
TO MONITOR	٧.		•	- ,	·• (
MONITA	-	-	•	o 	7
MORE THAN 1 YEAR	r.	^	ď	<u>~</u>	7
NEVER USED ALCOHOL	4	ស	~	-7	ស
04-06					
TOTAL	8	8	100	ટુ	001
WITHIN 1 MONTH	91	92	76	760	) 5
1-3 MONTHS	77	7	r		٠,
	•	c		_	
MONTHS	•		. c	: (	-
MODE THAN 4 YEAR		-	٠.	۰,	- 4
	n (	- (	-	- (	r ·
NEVER USED ALCOHOL	7	• -	•	? ~	-
IOTAL DUD*	_				
TOTAL	8	00-	2	Ş	Ş
EITHIN - MONTH	83	08	986	96	69 98
1-3 MONTHS	9	9	ى	r	g.
4-6 MONTHS.	2	7	٠,	~	e.
7-12 MONTHS	-	•	-		
	•	٠.	- 1	- ,	•
MUKE HAN TEAK	7	ŗ	~	_	7

<sup>•</sup> FIGURES INCLUDE W1-W4-S + LESS THAN HALF OF ONE PERCENT •• PERCENTS MAY NOT ADD 10 100 DUE TO ROUNDING

Drinking During The Past 30 Days

The percentage of respondents who reported they drank any alcohol at all during the preceding 30 days appears in Table IV-2; also shown are figures by Service. In interpreting this table, appropriate consideration should be given to the fact that mere consumption of any alcohol is obviously not of the same importance as is heavy drinking and getting into problems over one's drinking, which are discussed later in this report. The main point to be derived from the findings is that most military personnel drink at least occasionally: 83 percent of the respondents had drunk some alcoholic beverage within the past 30 days; and in none of the subgroups did less than seven out of ten indicate they had something alcoholic to drink during the past 30 days.

In general, the highest rates of drinking at least a little were recorded for senior officers, followed by junior officers or junior enlisted personnel, senior enlisted personnel and warrant officers.

Differences among the four geographic regions in prevaence of current drinking are generally not large. The creat rates appear for personnel in Europe, the lowest in the Locations.

TABLE IV-2
POPULATION USING ALCOHOL
DURING PAST 30 DAYS
(PERCENIAGE)

CONUS CONUS		
SRADE DOD ARMY SRADE DOD ARMY  82 79 72 79 75 79 79 79 79 79 79 79 79 79 79 79 79 79	SERVICE	
83 89 883 75 75 75 75 75 75 75 75 75 75 75 75 75	NAVY MARINE CORPS	AIR
82 93 93 93 94 98 96 96 97 98 97 98 98 98 98 98 98 98 98 98 98		
83 79 72 72 72 83 84 85 85 85 85 85 85 85 85 85 85 85 85 85		80
76 82 82 82 82 85 86 86 87 88 87 88 88 88 88 88 88 88 77 77 77	88 87	80
85 92 92 92 92 92 93 95 95 95 95 95 95 95 95 95 95 95 95 95		7.5
85 88 88 89 89 89 89 89 89 89 89 89 89 89	87 92	8
855 886 81 81 82 83 83 84 883 83 83 83 83 83 83 83 83 84 85 86 86 86 86 87 77 77 77 77 77 77 77 77 77 77 77 77	80	06
855 886 891 892 893 893 893 893 893 893 893 893 893 893		
86 81 81 82 83 83 84 84 85 84 85 87 77 77 77 77 77 77 77 77 77 77 77 77	- 68	68
81 79 83 83 83 84 86 86 86 86 87 77 77 77 75 75 75 75 75 75 75 75 75 75	68	) 
87 83 82 82 82 84 84 84 85 85 86 86 87 77 77 77 77 77 77 77 77 77 77 77 77	95	85
88 88 88 88 88 88 88 88 88 88 88 88 88		93
83 82 82 83 84 85 84 85 85 86 86 86 86 86 87 77 77 77 77 77 77 77 77 77 77 77 77	• 16	94
83 82 83 84 84 84 85 84 85 87 77 77 77 83 83 80 83 80 77 77 77 77 77 77 77 77 77 77 77 77 77		
82 81 83 84 84 86 83 77 77 77 83 83 80 83 75 77 77 77 77 77 77 77 77 77 77 77 77		82
81 88 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	85 84	80
89 84 84 78 77 77 71 81 83 83 83 75 77 71 71 71 71 71 71 71 71 71	_	82
78 75 75 75 86 83 83 85 75 75 75 75 75 75 75 75 75 75 75 75 75		84
78 77 77 71 71 81 83 89 89 75 77 77 77 77 77 77 77 77 77 77 77 77		94
TOTAL 78 75 77 79 77 79 77 79 77 79 77 79 77 79 77 79 77 79 79		
E1-E5 78 77 77 77 77 77 77 77 77 77 77 77 77		7.4
E6-E9 77 71 71 71 71 71 71 71 71 71 71 71 71	*	7.
01-03 04-06 01AL WORLDWIDE 01AL 83 83 80 81 86-69 77 75 81	83	75
04-06 07AL WORLDWIDE 83 80 E1-E5 81 85 84 84 84-W4	•	
DTAL WORLDWIDE  101AL 10	•	
83 80 83 81 77 75 76 76		
83 81 77 75 76 76	96 86	82
77 75 75 76 76		85
92 92		7.8
	. 08	•
83 80	88 91	85
91 92		06

- LESS THAN 30 RESPONDENTS . NOT APPLICABLE.

NOTE: REGIONAL TOTALS INCLUDE WI-W4'S.

## Frequency of Current Use of Each Beverage

Table IV-3 shows that, for all respondents combined, beer was the most commonly consumed beverage; it was drank by 73 percent of all military personnel at least once within the last 30 days, and by about one-fourth (26 percent, at least three times a week. Hard liquor (including mixed drinks) was consumed by about one-half of the respondents (51 percent) within the past 30 days, but only 8 percent drank hard liquor as often as three times a week. Wine was the least frequently consumed beverage, only 35 percent of the military personnel had drunk any wine during the past 30 days, and only 4 percent had done so as often as three times a week.

#### Current Use Patterns By Pay Grade Group

Frequency of current alcohol use, worldwide, is depicted for each pay grade group in Tables IV-4 through IV-8. Senior enlisted personnel reported generally lower frequencies of drinking during the past 30 days than did junior enlisted personnel (Table IV-5). The data for warrant officers (Table IV-6) show they have generally lower rates of drinking than enlisted personnel.

Junior officer respondents (Table IV-7) reported generally lower frequencies of drinking during the past 30 days than did enlisted personnel. The exception was for wine; their frequency of wine consumption was higher than that among senior enlisted personnel and was roughly equivalent to the frequency reported by junior enlisted personnel.

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS TOTAL BOD (PERCENTAGE OF POPULATION)\*\* TABLE IV-3

FREQUENCY DOD ARMY NA DOD ARMY NA DAYS A WEEK 20 20 20 20 20 20 20 20 20 20 20 20 20				SER	SERVICE	
TAL.  FRY DAY.  FRY DAY.  DAYS A WEEK.  DAYS A WEEK.  2 DAYS A WEEK.  2 DAYS A WEEK.  2 DAYS A WEEK.  100 100 100 100 100 100 100 100 100 10	TYPE/ FREQUENCY	101AL 000	ARMY	> <b>A V</b>	MARINE	AIR FORCE
FRY DAY  ERY DAY  ERY DAY  ERY DAY  ERY DAY  ERY DAY  SO THAN ONCE A WEEK  TAL  FOR DAYS A WEEK  TAL  FOR DAY  ERY DAY  ERY DAY  ERY DAY  ERY DAY  ERY DAY  ERY DAY  ERY DAY  ERY DAY  ERY DAY  ERY DAY  FOR DAYS A WEEK  ERY DAY  ERY DAY  ERY DAY  FOR DAYS A WEEK  ERY DAY  FOR DAYS A WEEK  ERY DAY  FOR DAYS A WEEK  ERY DAY  FOR DAYS A WEEK  FOR DA	BEER					
A VEEK	TOTAL	8	8	\$	8	8
A WEEK 15 14 A WEEK 20 20 20 A WEEK 27 20 20 A WEEK 27 20 20 A WEEK 27 20 20 A WEEK 27 20 A WEEK		4	9	4	R	7
A WEEK 15 14 15 15 14 15 15 15 15 15 15 15 15 15 15 15 15 15	DAYS A	7	7	6	80	'n
A WEEK 20 20 20 20 20 20 20 20 20 20 20 20 20	DAYS A	15	7	11	1.7	12
A WEEK 23 20 100 100 100 100 100 100 100 100 100	DAYS A	20	50	20	23	20
RINK. 27 28  WEEK 100 100 100  WEEK 23 20 20  WEEK 25 20  WEEK 25 20	⋖	27	25	27	25	30
100 100 100 100 100 100 100 100 100 100	DID NOT DRINK	27	28	22	22	31
100 100 100 100 100 100 100 100 100 100	*INE					
A WEEK A WEEK A WEEK A WEEK CONCE A WEEK CONCE A WEEK CONCE A WEEK CONCE A WEEK CONCE A WEEK CONCE A WEEK CONCE A WEEK CONCE A WEEK CONCE	TOTAL	\$	8	ş	8	8
A WEEK	EVERY DAY	-	-	-	-	•
A WEEK 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	DAYS A	-	-	-	-	-
A WEEK 23 20 20 20 20 20 20 20 20 20 20 20 20 20	DAYS A	3	7	6	~	~
RINK 65 68 68 68 68 68 68 68 68 68 68 68 68 68	DAYS A	60	80	9	9	80
RINK 65 68 68 68 68 68 68 68 68 68 68 68 68 68	THAN ONCE A	23	30	24	20	28
100 100 100 4 M VEEK 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	DID NOT DRINK	65	89	99	7.1	09
100 100 100 100 100 100 100 100 100 100	HARD LIQUOR					
Y DAY.  OAYS A WEEK.  DAYS A WEEK.  5 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		8	\$	8	\$	8
DAYS A WEEK 2 2 2 DAYS A WEEK 5 5 5	EVERY DAY	-	-	-	-	_
DAYS A WEEK 55 55	DAYS A	7	5	7	7	-
DAYS A WEEK	DAYS A	ın	S	'n	r	7
	DAYS A	13	13	7	ī.	=
A WEEK. 31 28	THAN ONCE A	31	28	32	29	33
DID NOT DRINK 49 54 45	2	49	5 \$	45	67	50

+ LESS THAN HALF OF ONE PERCENT.

•• PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

NOTE: FIGURES INCLUDE W1-W4'S.

TABLE IV-4
FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS
E1-E5'S IN TOTAL WORLDWIDE
(PERCENTAGE OF FOPULATION)\*\*

TOTAL DOD ARMY NA WEEK 25 22 22 22 22 24 25 22 22 24 25 25 22 22 22 22 22 22 22 22 22 22 22				SER	SERVICE	
TAL.  B DAYS A WEEK.  B DAYS A WEEK.  B DAYS A WEEK.  DAYS	TYPE/ FREQUENCY	101AL 000	· ARMY	NAVY	MARINE	AIR FORCE
TAL   TAL	2					
DAYS A WEEK	TOTAL	8	100	8	8	\$
B DAYS A WEEK 16 16 16 16 16 16 16 16 16 16 16 16 16	DAY	ß	7	sr.	ß	e
# DAYS A WEEK	YS A	60	60	=	6	S
2 DAYS A WEEK. 21 22 22 22 22 22 22 22 22 24 25 22 22 24 25 22 24 25 22 24 25 22 24 25 24 25 24 25 24 24 24 24 24 24 24 24 24 24 24 24 24	DAYS A	16	9	6	9	-
SS THAN ONCE A WEEK. 25 22  D NOT DRINK. 24 25 25  TAL. 9 100 100 100  ERY DAY. WEEK. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DAYS A	21	22	5.	23	21
TAL.  TAL.  TAL.  TOO 100  FRY DAY  EN DAYS A WEEK.  1 DAYS A WEEK.  2 DAYS A WEEK.  2 DAYS A WEEK.  2 DAYS A WEEK.  2 DAYS A WEEK.  2 DAYS A WEEK.  100  TOO 100  TOO 100  TOO 100  TOO 100  TOO 100  TOO 100  TOO 100  TOO 100  TOO 100	•	32	22	25	24	<b>58</b>
FAL.  FAL.  FAL.  FO DAYS A WEEK.	NOT DRINK	24	25	<u>6</u>	50	59
FOTAL.  EVERY DAY  5 -6 DAYS A WEEK  1 -2 DAYS A WEEK  2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	WINE					
EVERY DAY  5-6 DAYS A WEEK  3-4 DAYS A WEEK  1-2 DAYS A WEEK  7 9  1-2 DAYS A WEEK  7 9  1-2 DAYS A WEEK  7 9  1-2 DAYS A WEEK  7 9  7 9  7 9  7 9  7 18  7 18  7 18  7 18  7 18  7 18  7 18  7 10  7	TOTAL	\$	\$	3	\$	<u>\$</u>
5-6 DAYS A WEEK 1 1 1 2 DAYS A WEEK 2 2 2 2 1 2 2 2 1 2 2 2 2 2 2 2 2 2 2	:	-	-	-	-	٠
3-4 DAYS A WEEK 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	DAYS A	-	-	-	-	<u>-</u>
1-2 DAYS A WEEK 7 9 LESS THAN ONCE A WEEK 21 18 DID NOT DRINK 68 69 OI LIQUOR 100 100 100 100 15-6 EVERY DAY 1 1 1 1 5-6 DAYS A WEEK 2 2	DAYS A	cı	7	7	-	~
LESS THAN ONCE A WEEK. 21 18 510 NOT DRINK 68 69 70 LIQUOR 69 107 AL 107 100 11	DAYS A	7	Ø	y	9	7
010 NOT DRINK 68 69 RD LIQUOR 107AL 100 100 1 EVERY DAY 1 1 1 5-6 DAYS A WEEK 2 2 2	THAN ONCE A	21	81	22	1.1	56
TOTAL 100 100 100 100 100 100 100 100 100 10		68	69	89	7.4	65
11. 100 100 100 100 100 100 100 100 100	HARD LIQUOR					
DAYS A WEEK. 2 2	TOTAL	601	<u>\$</u>	8	\$	\$
DAYS A WEEK 2	:	-	-	-	-	-
	DAYS A !	?	74	ო	7	-
DAYS A WEEK	3-4 DAYS A WEEK	S	'n	y	ın	4
A WEEK 14	DAYS A	4	4.	17	9.	=
E A WEEK   30	_	30	56	31	29	34
DID NOT DRINK		48	52	42	7	50

+ LESS THAN HALF OF ONE PERCENT.

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS EG-E9'S IN TOTAL WORLDWIDE (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	T07AL 000	ARMY	NAV	MARINE	AIR
80					
TOTAL	\$	\$	8	8	\$
Y DAY	m	S.	6	6	-
DAYS A	9	9	ın	ъ	9
3-4 DAYS A WEEK	5	Ξ	7	5	Ξ
1-2 DAYS A WEEK	17	15	11	26	17
LESS THAN ONCE A WEEK.	ဓ	29	ဇ္	52	33
DID NOT DRINK	32	34	32	28	32
ZINE ZINE					
TOTAL	\$	8	\$	\$	5
EVERY DAY	+	-	*	+	+
5-6 DAYS A WEEK	-	+	+	0	-
3-4 DAYS A WEEK	-	-	7	-	7
1-2 DAYS A WEEK.	4	6	4	6	7
THAN 0	19	9	60	23	22
DID NOT DRINK	7.8	7.9	75	74	68
HARD LIQUOR	_				
TOTAL	8	8	8	<u>\$</u>	ŝ
EVERY DAY	-	_	•	*	-
5-6 DAYS A WEEK.	<b>-</b>	-	-	7	-
3-4 DAYS A WEEK	4	ĸ	e	4	4
1-2 DAYS A WEEK.	6	0	60	4.	0
LESS THAN ONCE A WEEK	28	27	31	24	28
DID NOT DRINK	26	26	26	55	56
				-	

+ LESS THAN HALF OF ONE PERCENT.

\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-6

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS W1-W4'S IN TOTAL WORLDWIDE (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL D00	ARMY	NAVY	MARINE	AIR
BEER		9	5		
EVERY DAY	3 79	3-	3 m		•
AYS A	4	8	4		•
⋖	NO.	4	6		•
¥	50	19	17		•
	32	36	38		•
DID NOT DRINK	38	33	53		•
ZIZE TOTAL	ξ	٤	ξ		•
FVED DAY	3 0	3 0	3 0		•
S-6 DAYS A WEEK	· o	0	0		•
DAYS A	-	+	ហ		•
-2 DAYS A	ស	9	ъ		•
THAN 0	26	50	42		•
DID NOT DRINK	68	73	48		•
HARD LIQUOR					
TOTAL	<u>§</u>	\$	\$	,	•
:	+	0	-		•
-6 DAYS A	7	6	0		•
<	7	+	œ		•
1-2 DAYS A WEEK	9	12	60		•
LESS THAN ONCE A WEEK.	30	31	91		•
DID NOT DRINK	98	54	52		•

. . + .

NOT APPLICABLE.
LESS THAN 30 RESPONDENTS.
LESS THAN HALF OF DNE PERCENT.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS O1-03'S IN TOTAL WORLDWIDE (PERCENTAGE OF POPULATION)\*\*

TYPE/ FREQUENCY DOD ARMY NAVY WAR  AL.  AL.  AL.  BAYS A WEEK  DAYS A WEEK  NOT DRINK.  STHAN ONCE A WEEK  10  10  10  10  10  10  10  10  10  1				SER	SERVICE	
AL.  PAY DAY.  PAYS A WEEK.  DAYS A WEEK.  D	TYPE/ FREQUENCY	T0TAL 000	ARMY	NAV	MARINE	AIR FORCE
FRY DAY  FRY DAY  FRY DAY  FRY DAY  FRY DAY  FAL  FAL  FAL  FAL  FAL  FAL  FAL  F	200					
EVERY DAY.  EVERY DAY.  5-6 DAYS A WEEK.  4 4 8 4 14 14 14 14 14 14 14 14 14 14 14 14 1	rat	8	\$	8	\$	9
5-6 DAYS A WEEK.	DAY.	-	-	-	6	-
3-4 DAYS A WEEK. 10 8 14 1-2 DAYS A WEEK. 18 15 1-2 DAYS A WEEK. 33 32 1-2 DAYS A WEEK. 33 40 10 NOT DRINK. 33 40 1-2 DAYS A WEEK. 1 1 1 1 1-2 DAYS A WEEK. 39 39 1-2 DAYS A WEEK. 39 39 1-2 DAYS A WEEK. 39 39 1-2 DAYS A WEEK. 39 39 1-2 DAYS A WEEK. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DAYS A	4	4	60	60	6
1-2 DAYS A WEEK. 18 15 19 LESS THAN ONCE A WEEK. 33 32 32 33 LESS THAN ONCE A WEEK. 33 40 25 NE TOTAL. 100 100 100 100 100 100 100 100 100 10	DAYS A	ō	<b>c</b> o	4	9	6
LESS THAN ONCE A WEEK. 33 32 33 32 33 30 10	DAYS A	18	Ť.	61	91	21
DID NOT DRINK. 33 40 25  NE EVERY DAY EVERY DAY EVERY DAY A WEEK. 11 10 10 1-2 DAYS A WEEK. 39 39 39 DID NOT DRINK. 45 46 46  RD LIQUOR 100 100 100 100 TOTAL 100 100 100 100 1-2 DAYS A WEEK. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AN ONCE A	33	32	33	40	32
NE FUENCY DAY.  5-6 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 DAYS A WEE	DID NOT DRINK	33	04	25	80	35
FUERY DAYS A WEEK.  5-6 DAYS A WEEK.  5-6 DAYS A WEEK.  5-6 DAYS A WEEK.  5-7 DAYS A WEEK.  5-7 DAYS A WEEK.  5-7 DAYS A WEEK.  5-8 DAYS A WEEK.  5-9 DAYS A	VINE					
EVERY DAY		8	8	8	8	\$
5-6 DAYS A WEEK. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EVERY DAY	+	0	+	0	+
3-4 DAYS A WEEK. 3 1-2 DAYS A WEEK. 11 10 10 10 10 10 10 10 10 10 10 10 10 1	DAYS A	-	-	-	7	8
1-2 DAYS A WEEK. 11 10 10 10 10 10 10 10 10 10 10 10 10	DAYS A WEEK	e	ß	6	7	7
LESS THAN ONCE A WEEK.       39       39       39       39         DID NOT DRINK.       45       46       46       46         FO LIQUOR       100       100       100       1         FURAL.       100       100       1       1         EVERY DAYS       1       1       1       1         5-6 DAYS       A WEEK.       3       3       3         1-2 DAYS       A WEEK.       10       7       8         LESS THAN ONCE A WEEK.       39       40       42	1-2 DAYS A WEEK	-	ō	9	o	£
DID NOT DRINK     45     46     46       RD LIQUOR     100     100     1       EVERY DAYS A WEEK     1     1     2       3-4 DAYS A WEEK     3     3     3       1-2 DAYS A WEEK     10     7     8       LESS THAN ONCE A WEEK     39     40     42	⋖	39	39	39	30	42
## FIGURE   100	_	45	46	46	57	4
17 DAYS A WEEK 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2					
Y DAY.  DAYS A WEEK.  1 1 2  DAYS A WEEK.  3 3 3 3  DAYS A WEEK.  10 7 8  THAN ONCE A WEEK.  39 40 42		8	<u>\$</u>	\$	\$	<u>\$</u>
DAYS A WEEK	Y DAY	-	-	-	7	-
DAYS A WEEK 3 3 3 3 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A	-	-	7	0	+
DAYS A WEEK 10 7 8 42 4 42 4	DAYS A WEEK.	က	e	0	ß	8
S THAN ONCE A WEEK. 39 40 42 4	DAYS A	2	7	60	თ	12
	THAN ONCE A	39	4	42	44	35
NOT URINK 47 48	DID NOT URINK	47	48	44	41	49

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-8

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS O4-06'S IN TOTAL WORLDWIDE (PERCENTAGE OF POPULATION)\*\*

TYPE/ FREQUENCY  DAY AYS A WEEK AYS A WEEK AYS A WEEK  OT DRINK  DAY AYS A WEEK				SER	SERVICE	
AL.  PAYS A WEEK.  DAYS A WEEK	TYPE/ FREQUENCY	TOTAL DOD	ARMY	NAVY	MARINE	AIR
TAL.   100	23					
EVERY DAY.  5-6 DAYS A WEEK.  4-2 DAYS A WEEK.  4-2 DAYS A WEEK.  4-2 DAYS A WEEK.  5-6 DAYS A WEEK.  5-6 DAYS A WEEK.  5-6 DAYS A WEEK.  5-6 DAYS A WEEK.  5-7 DID NOT DRINK.  5-6 DAYS A WEEK.  5-7 DAYS A WEEK.  5-8 DAYS A WEEK.  5-9 DID NOT DRINK.  5-9 DAYS A WEEK.  5-9 DAYS A WEE	IAL	8	8	8	\$	8
5-6 DAYS A WEEK. 3 4 DAYS A WEEK. 1-2 DAYS A WEEK. 21 2 DAYS A WEEK. 21 2 DAYS A WEEK. 36 34 43  LESS THAN ONCE A WEEK. 28 3.2 18  NIE  NIE  LESS THAN ONCE A WEEK. 5 6 6 3  5-6 DAYS A WEEK. 5 6 6 6 3  1-2 DAYS A WEEK. 5 6 6 6 6  100 100  110 NOT DRINK. 25 7 7  100 100  110	RY DAY	8	e	-	2	e
3-4 DAYS A WEEK. 10 10 6 6 1-2 DAYS A WEEK. 21 20 28 14 DID NOT DRINK. 28 32 18 32 18 18 10 10 10 10 10 10 10 10 10 10 10 10 10	DAYS A	၉	+	m	7	<u>ر</u>
1-2 DAYS A WEEK. 21 20 28  LESS THAN ONCE A WEEK. 36 34 43  LESS THAN ONCE A WEEK. 28 32 18  TOTAL 100 100 100  EVERY DAY. 2 0 7  5-6 DAYS A WEEK. 8 6 6 6  1-2 DAYS A WEEK. 42 40 50  DID NOT DRINK. 25 28 21  TOTAL 100 100 100  TOTAL 100 100 100  1 2 DAYS A WEEK. 4 4 4 2  5-6 DAYS A WEEK. 4 4 4 2  1-2 DAYS A WEEK. 8 5 113  1-2 DAYS A WEEK. 4 4 15  1-2 DAYS A WEEK. 8 5 7  1-2 DAYS A WEEK. 14 15 113	AYS A WEEK	ç	9	9	13	=
LESS THAN ONCE A WEEK. 36 34 43  DID NOT DRINK. 28 32 18  NE FOR YOR YOR YOR YOR YOR YOR YOR YOR YOR Y	AYS A WEEK	21	50	28	\$	18
DID NOT DRINK. 28 32 18  NOF TOT DRINK. 28 32 18  NOF TOTAL 100 100 100 100 100 100 100 100 100 10	THAN ONCE A	36	34	43	36	32
NOTAL  NOTAL  NOTAL  NOTAL  NOTAL  100  100  100  100  100  100  100  1	DIO NOT	28	32	8	28	29
EVERY DAY.  EVERY DAYS A WEEK.  EVERY DAYS A WEEK.  ESS THAN ONCE A WEEK.  DID NOT DRINK.  25 28 21  CONTRIBUTED TO THE CONTRIB	=					
5-6 DAYS A WEEK. 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	T0TAL	8	\$	8	8	8
5-6 DAYS A WEEK. 5 6 3 3-4 DAYS A WEEK. 8 6 6 3 1-4 DAYS A WEEK. 18 20 13 1-5 DAYS A WEEK. 42 40 50 DID NOT DRINK. 25 28 21 RD LIQUOR 100 100 100 1-5 DAYS A WEEK. 4 4 2 1-5 DAYS A WEEK. 8 5 7 1-5 DAYS A WEEK. 8 15 13	RY DAY	2	0	7	-	7
3-4 DAYS A WEEK. 1-2 DAYS A WEEK. 1-2 DAYS A WEEK. 1-2 DAYS A WEEK. 1-3 DAYS A WEEK. 1-4 DAYS A WEEK. 1-5 DAYS A WEEK.	DAYS A	ហ	9	e	<u>ر</u>	9
1-2 DAYS A WEEK. 18 20 13 LESS THAN DNCE A WEEK. 42 40 50 DID NOT DRINK. 25 28 21 TOTAL. 100 100 100 TOTAL. 200YS A WEEK. 4 4 2 5-6 DAYS A WEEK. 8 5 7 1-2 DAYS A WEEK. 8 15 13	AYS A WEEK	60	9	9	80	=
LESS THAN ONCE A WEEK. 42 40 50 DID NOT DRINK. 25 28 21 TDTAL LIQUOR 100 100 100 TDTAL 22 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AYS A WEEK	18	50	+3	4	19
DID NOT DRINK 25 28 21  RD LIQUOR  EVERY DAY 25 28 21  TO 100 100  TO 2 1 2  TO 3-4 DAYS A WEEK 4 4 2  TO 2 DAYS A WEEK 8 5 7  TO 2 DAYS A WEEK 14 15 13	THAN ONCE A	42	40	20	43	38
FED LIQUOR  FOR A MEEK  3-4 DAVS A WEEK  100 100 100 1  2 1 2 2  3-4 DAVS A WEEK  102 DAVS A WEEK  103 13 13 15 15 13	DID NOT DRINK	25	28	21	29	23
DAY. 100 100 100 100 100 100 100 100 100 10						
AYS A WEEK 4 4 2 2 4 4 2 4 4 5 4 4 5 4 4 5 4 4 5 4 4 5 4 4 4 5 4 4 6 4 6	TOTAL	8	8	8	8	8
AVS A WEEK 4 4 2 2 AVS A WEEK 8 5 7 AVS A WEEK 14 15 13	:	7	-	7	9	8
AVS A WEEK 8 5 7 7 AVS A WEEK 14 15 13	DAYS A	4	4	~	-	9
AYS A WEEK 14 15 13	-4 DAYS A	80	S	^	13	<b>•</b>
47	AYS A WEEK	4	15	5	9	5
IMAN UNCE A WEEK 40 46 45		40	46	45	ဝင္	33
28 33	Ş	32	28	33	39	34

\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

The senior officers group, as a whole, reported frequencies of beer consumption similar to those reported by junior officers. However, their frequencies of wine and hard liquor consumption were higher than those for any other pay grade group. For example, 15 percent of the 04-06's reported drinking wine at least three days a week compared to 4 percent of the next highest wine consuming group (i.e., the E1-E5's). Comparable figures for hard liquor were: 04-06's, 14 percent and E1-E5's, 8 percent.

### Regional Patterns

Frequency of use of alcoholic beverages during the past 30 days is shown for each region and pay grade group in Tables IV-9 through IV-24.

The most consistent pattern of alcohol use among the regions is the higher rates of wine drinking in Europe, by all pay grade groups, compared to other regions. However, relatively few junior enlisted personnel in any region drank wine as often as three times a week. Some differences in regional drinking frequency patterns do appear for the officer groups, but they are based on small sample sizes.

TABLE IV 9

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS

E1-E5'S IN CONUS

(PERCENTAGE OF POPULATION)\*\*

FREQUENCY DOD ARMY NAVY MARINE CURPS  L. 100 100 100 100 100 100 100 100 100 10				SER	SERVICE	
AL.  AL.  AL.  AL.  AL.  AL.  AL.  AL.	TYPE/ FREQUENCY	T0TAL D0D	ARMY	NAVY	MARINE	AIR FORCE
TAL.   100	23					
ERY DAY	Ā.	8	8	8	8	\$
B DAYS A WEEK	Y DAY.	5	7	<sub>6</sub> 3	9	၉
4 DAYS A WEEK. 16 15 20 19 2 DAYS A WEEK. 22 22 22 24 2 DAYS A WEEK. 24 26 18 18 1 AL. 100 100 100 100 100 1 A DAYS A WEEK. 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	DAYS A	œ	80	11	<u>თ</u>	ស
2 DAYS A WEEK. 22 22 22 24 25 25 25 25 25 25 25 25 25 25 25 25 25	DAYS A	16	15	50	49	13
SS THAN ONCE A WEEK. 25 23 25 25 25 25 26 18 18 18 18 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	DAYS A	22	22	22	24	21
TAL  FRY DAYS A WEEK  ED DAYS A WEEK  ED DAYS A WEEK  ED DAYS A WEEK  ED DAYS A WEEK  ED DAYS A WEEK  ED DAYS A WEEK  ERY DAY  LIQUOR  FRY DAY  FRY DAY  FRY DAY  FRY DAY  ERY DAY  FRY DAY  ERY DAY  FRY DAY  FRY DAY  ERY DAY  FRY	LESS THAN ONCE A WEEK.	25	23	25	25	28
FAL.  FAY DAY.  FO DAYS A WEEK.  FO NOT DRINK.  FOR DAYS A WEEK.  FOR	DID NOT DRINK	24	56	80	<b>8</b> 2	30
M WEEK 100 100 100 100 100 100 100 100 100 10	KINE					
A WEEK. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TOTAL	8	\$	8	8	<u>\$</u>
A WEEK. 2 1 2 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4	EVERY DAY	-	-	-	-	+
A WEEK. 2 1 2 2 2 1 1000 000CE A WEEK. 19 15 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	5-6 DAYS A WEEK	-	-	-	-	-
A WEEK. 6 8 6 6 6 6 0 0 100 100 100 100 100 100 100	3-4 DAYS A WEEK	7	-	7	5	-
A WEEK. 19 15 21 18 21 18 21 18 21 18 21 18 21 19 19 19 19 19 19 19 19 19 19 19 19 19	1-2 DAYS A WEEK	9	<b>6</b> 0	9	9	9
RINK. 71 74 70 73 74 70 73 74 70 73 74 70 73 74 70 73 74 70 73 74 70 75 75 75 75 75 75 75 75 75 75 75 75 75	VCE A	6	ē,	21	81	24
A WEEK	DID NOT DRINK	7.1	74	70	73	68
A WEEK. 2 2 3 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	HARD LIQUOR					
A WEEK. 2 2 3 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T01AL	00+	ş	8	8	8
A WEEK 2 2 3 2 4 4 4 4 4 6 4 4 6 4 4 6 6 4 4 6 6 4 6 6 6 4 6		-	-	-	-	-
A WEEK 4 4 6 4 6 4 4 8 6 8 8 15 10 10 10 10 10 10 10 10 10 10 10 10 10	4	7	7	6	7	-
A WEEK. 14 14 18 15 10 10 10 NCE A WEEK. 30 26 31 29 RINK 49 53 41 50	⋖	4	4	φ	4	ო
ONCE A WEEK. 30 26 31 29	4	4	4	18	15	9
NOT DRINK	ONCE A	90	56	31	29	33
	DID NOT DRINK	49	53	41	50	52

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

[ABLE IV-IU]
FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS
EG-E9'S IN CONUS
(PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	-
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR
BEER					
TOTAL	8	<b>6</b>	8	\$	8
EVERY DAY	6	4	e	7	5
DAYS A W	S	S	Ŋ	ß	2
3-4 DAYS A WEEK	=	0	13	12	o
SAK	17	9	16	59	16
THAN ONCE A W	31	28	30	56	35
OT DRINK.	34	36	33	27	34
VINE					
TOTAL	9	\$	8	8	\$
EVERY DAY	+	+	+	+	0
5-6 DAYS A WEEK	+	+	+	0	-
DAYS A	2	-	7	+	7
1-2 DAYS A WEEK	4	ო	က	6	ī.
LESS THAN ONCE A WEEK.	16	÷	16	24	61
DID NOT DRINK	79	82	78	72	73
HARD LIQUOR					
TOTAL	8	\$	8	\$	8
EVERY DAY	-	-	+	0	-
5-6 DAYS A WEEK	7	2	5	2	-
⋖	6	4	က	6	၉
1-2 DAYS A WEEK	6	o	80	15	<b>a</b> 0
LESS THAN ONCE A WEEK	27	24	32	56	27
DID NOT DRINK	28	09	56	55	59

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-11

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS 01-03'S IN CONUS

(PERCENTAGE OF PO		TYPE/ TOTAL PREQUENCY DOD ARMY	001	∀M	AVS A WEEK	AYS A WEEK	NONCE A WEEK. 34	JT DRINK 33	2	+ * * * * * * * * * * * * * * * * * * *	A WEEK	A WEEK 2	A WEEK to	WEEK.		80	DAY	DAYS A WEEK 1	A WEEK	• • • • • • • • • • • • • • • • • • •	WEEK 38	488
POPULATION) * *		VAV.	8 	-	4 (		34				0	_				8		_	-		41	48
	SERVICE	<u> </u>	 8	+ 1	ص <u>ر</u>	<u>υ</u> σ	34	24	5	-	-	7	6	9	 10	8	_	~	ო	80	42	44
	ICE	MARINE	8	4	٠,		4	11	Ç	?	7	ю	g	32	2/2	8	8	0	ß	=	39	43
	;	AIR FORCE	8	- 1	<b>~</b> !	, ;	33	36	Ş	-	7	7	Ξ	42	<b>6</b>	\$	-	0	7	12	34	51

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-12

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS 04-06'S IN CONUS (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	Y > A M	MARINE	AIR FORCE
0112					
TOTAL	8	400	9	9	9
EVERY DAY	7	7	0	-	က
•	6	0	4	0	4
3-4 DAYS A WEEK	6	9	e	4	Ξ
1-2 DAYS A WEEK	50	19	30	17	<del>1</del>
LESS THAN ONCE A WEEK.	38	34	52	39	33
OT DRINK	78	36	=	26	31
EINE					
TOTAL	8	8	8	8	60
TY DAY	7	0	<b>c</b> o	-	-
4	9	7	4	ß	9
DAYS A	7	D.	-	9	12
1-2 DAYS A WEEK	17	91.	12	13	19
LESS THAN ONCE A WEEK.	42	38	56	40	38
DID NOT DRINK	25	90	8	31	24
HARD LIQUOR					
TOTAL	001	8	\$	ş	9
EVERY DAY	7	7	-	7	8
5-6 DAYS A WEEK	S	S.	-	5	9
DAYS A	7	ď	4	14	თ
1-2 DAYS A WEEK	4	16	11	9	16
LESS THAN ONCE A WEEK.	42	47	58	30	32
DID NOT DRINK	30	26	26	38	35
		,	,	,	

\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

	AD-A093 880	BURT	ASSOC	IATES SURVEY	INC BI	ETHESOA MEDICA BIEGEL,	MD L DRUS	USE AN	D ALCO	OL USE	AMONS	'8 6/5 HETC	(U)
	UNCLASSIFIED	NOT 6	BO M	K BURI		TEAST,	Y CARD	E2.		#DA903-	79-C-66	167 L	
	3 nr 4 88938-0												
												1	
Ī													

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS
E1-E5'S IN EUROPE
(PERCENTAGE OF POPULATION)\*\* TABLE IV-13

			SERVICE	/ICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR
BEER					
TOTAL	8	8	<u>ه</u> م	• •	§ 4
õ	- 60	თ		*	φ.
DAYS A	91	17	Ξ	*	15
AYS A WEEK	21	22	16	•	19
Ĭ	23	20	27	•	30
DID NOT DRINK	25	23	37	•	56
INE					
	8	\$	8	•	8
	-	-	7	•	-
	-	-	-	•	-
3-4 DAYS A WEEK	9	6	9	•	4
1-2 DAYS A WEEK	12	12	4-	•	12
LESS THAN ONCE A WEEK.	28	24	42	•	37
8	54	29	36	•	46
HARD LIQUOR					•
101AL	8	8	8	•	8
	-	~	0	•	+
DAYS A	7	ღ	-		~
3-4 DAYS A WEEK	9	7	S	•	4
1-2 DAYS A WEEK	4	14	Ξ	•	4
LESS THAN ONCE A WEEK.	29	56	33	•	36
DID NOT DRINK	47	48	50	•	4
				_	

LESS THAN HALF OF ONE PERCENT.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS E6-E9'S IN EUROPE (PERCENTAGE OF POPULATION)\*\* TABLE IV-14

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL DOD	ARMY	VAN	MARINE	AIR FORCE
BEER					
TOTAL	8	8	\$	*	9
RY DAY	r.	7	7	*	+
DAYS A	<b>60</b>	6	7	*	თ
DAYS A	£	=	19	•	17
1-2 DAYS A WEEK	15	4	20	•	<del>2</del>
LESS THAN ONCE A WEEK.	30	30	31	•	28
DID NOT DRINK	53	30	56	٠	27
KINE					
TOTAL	8	\$	\$	•	8
Y DAY	-	-	-	•	0
DAYS A	-	-	0	•	٣
•	_	+	7	*	7
1-2 DAYS A WEEK	æ	ນ	<u>1</u>	•	<u>+</u>
LESS THAN ONCE A WEEK.	28	25	37	•	34
DID NOT DRINK	9	67	40	•	48
HARD LIQUOR					
TOTAL	8	90	8	•	100
EVERY DAY	-	7	-	•	-
DAYS A W	-	-	7	•	-
DAYS A	7	7	4	•	7
1-2 DAYS A WEEK	ç	9	13	•	Ξ
LESS THAN ONCE A WEEK	32	32	25	•	33
DID NOT DRINK	49	49	55	•	46

+ LESS THAN HALF OF ONE PERCENT.
\* NOT APPLICABLE.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS O1-03'S IN EUROPE (PERCENTAGE OF POPULATION)\*\* TABLE IV-15

<b>P</b> -
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<sup>+</sup> LESS THAN HALF OF ONE PERCENT.
\* NOT APPLICABLE.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS O4-06'S IN EUROPE (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
BEER					
TOTAL	\$	1	<u>\$</u>	*	<u>\$</u>
EVERY DAY	SC.		0	*	~
DAYS A	9		ID.	*	60
<	12		4	*	=
DAYS A	25		16	•	<b>6</b>
S THAN O	35		30	*	46
DID NOT DRINK	17		32	*	4
WINE					
T0TAL	\$	1	8	*	9
EVERY DAY	е		æ	*	ស
DAYS A	4		4	•	g
⋖	14		22	*	4
DAYS A	27		24	*	22
S THAN ONCE A W	42		25	٠	43
RINK	\$		17	•	ō
HARD LIQUOR					
TOTAL	8	ı	8	•	<u>\$</u>
EVERY DAY	-		0	•	<b>6</b>
5-6 DAYS A WEEK	7		7	•	က
3-4 DAYS A WEEK	9		4	•	<b>1</b>
1-2 DAYS A WEEK	13		<del>.</del>	•	5
LESS THAN ONCE A WEEK.	47		27	•	38
DID NOT DRINK	27		34	•	28

<sup>-</sup> LESS THAN 30 RESPONDENTS.
\* NOT APPLICABLE.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-17
FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS
E1-E5'S IN PACIFIC
(PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
8668					
TOTAL	8	\$	001	8	8
DAY.	4	ĸ	z,	4	၈
5-6 DAYS A WEEK	6	7	12	9	7
AYS A	18	5	21	61	5
⋖	50	6	8	19	22
LESS THAN ONCE A WEEK	23	25	22	23	24
DID NOT DRINK	27	29	23	52	30
WINE	-				
TOTAL	8	8	\$	8	8
EVERY DAY	+	+	-	+	+
5-6 DAYS A WEEK	-	-	6	-	+
3-4 DAYS A WEEK	6	4	60	-	ი
1-2 DAYS A WEEK	80	Ξ	80	9	œ
LESS THAN ONCE A WEEK	21	21	24	91	24
DID NOT DRINK	67	63	63	9/	64
HARD LIQUOR					
TOTAL	8	8	8	8	8
EVERY DAY	-	-	-	7	+
5-6 DAYS A WEEK	~	7	4	7	~
3-4 DAYS A WEEK	9	ır.	7	^	S
1-2 DAYS A WEEK	16	ŧ.	† 15	6	51
	30	28	28	59	33
DID NOT DRINK	44	48	45	4	44

+ LESS THAN HALF OF ONE PERCENT.

TABLE IV-18

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS EG-E9'S IN PACIFIC (PERCENTAGE OF POPULATION)\*\*

FREQUENCY   TOTAL   DOD   ARMY   NAVY   MARINE   AIR   CORPS   FORCE				SERI	SERVICE	
TAL  FRY DAY.  B DAYS A WEEK.  C DAYS A WEE	TYPE/ FREQUENCY	TOTAL	ARMY	NA V	MARINE	AIR FORCE
FRY DAY  ERY DAY  B DAYS A WEEK  B DAYS A WEEK  SS THAN ONCE A WEEK  D NOT DRINK  D NOT DRINK  C DAYS A WEEK  C	25					
ERY DAY	TOTAL	\$	8	8	ş	5
## DAYS A WEEK	:	e	ın	a	4	-
4 DAYS A WEEK. 15 11 17 16 17 16 18 19 19 19 19 19 18 19 19 19 19 19 19 19 19 19 19 19 19 19	DAYS A W	ဖ	ß	,	7	r.
2 DAYS A WEEK 19 18 19 19 19 58 THAN DNCE A WEEK 29 29 29 29 29 32 52 32 54 55 57 54 58 51 54 58 55 54 55 50 NOT DRINK. 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-4 DAYS A	3	=	17	16	16
SS THAN DNCE A WEEK. 28 31 27 22 28 32 29 28 32 32 32 32 32 32 32 32 32 32 32 32 32	DAYS A	6	8	6	6	22
TAL		28	3	27	22	29
## DAYS A WEEK	0	29	53	28	32	27
M VEEK 100 100 100 100 100 100 100 100 100 10	KINE					
A WEEK. 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTAL	8	8	<u>§</u>	8	<del>5</del>
A WEEK. 1 0 1 2 2 4 2 5 1 4 2 5 1 4 2 5 1 4 2 5 1 5 1 4 2 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	IY DAY	+	+	0	0	0
A WEEK. 1 1 1 2 2 4 4 2 5 1 1 2 4 4 2 5 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1	DAYS A	-	0	-	0	5
A WEEK. 23 20 26 19  ONCE A WEEK. 23 20 26 19  RINK	DAYS A	-	-	•	~	+
NOCE A WEEK. 23 20 26 19  RINK	DAYS A	4	7	ĸ	-	7
RINK	⋖	23	20	56	6	25
100 100 100 100 100 100 100 100 100 100	DID NOT DRINK	7.	77	89	78	99
14. 100 100 100 100 100 100 100 100 100 10	HARD LIQUOR					
ty DAYS A WEEK		8	8	<u></u>	8	8
DAYS A WEEK	DAY	-	-	-	7	-
DAYS A WEEK     5     4     5     7       DAYS A WEEK     12     12     8     11       5 THAN ONCE A WEEK     27     28     27     20       NOT DRINK     54     54     58     56	DAYS A	-	8	-	4	+
DAVS A WEEK 12 12 8 11 5 THAN ONCE A WEEK 27 28 27 20 NOT DRINK 54 58 56	DAYS A	Ŋ	4	ro	7	ស
STHAN ONCE A WEEK. 27 28 27 20 NOT DRINK 54 54 58 56	DAVS A	5	12	60	Ξ	17
NOT DRINK 54 54 58 56	ONCE A	27	28	27	50	59
	Ş	54	54	58	56	48

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS O1-03'S IN PACIFIC (PERCENTAGE OF POPULATION)\*\* TABLE IV-19

A WEEK. 40 100 100 1100 1100 1100 1100 1100 11				SER	SERVICE	
AL TO TO TO TO TO TO TO TO TO TO TO TO TO	TYPE/ FREQUENCY	T0TAL D00	ARMY	NAV	MARINE	A1R FORCE
AL.  PAYS A WEEK.  BAYS A WEEK.  S. THAN ONCE A WEEK.  AL.  DAYS A WEEK.  AL.  DAYS A WEEK.  AL.  DAYS A WEEK.  AL.  DAYS A WEEK.  1 3 41 43 41 44 44 40 45 36 41 40 40 40 40 40 40 40 40 40 40 40 40 40	BEER					
RY DAY.  DAYS A WEEK  DAYS A WEEK  19  DAYS A WEEK  19  24  14  DAYS A WEEK  33  41  33  41  33  41  33  41  33  41  33  41  33  41  33  41  33  41  33  41  33  41  33  41  42  42  42  43  44  46  LIQUOR  RY DAY  AL  LIQUOR  RY DAY  AL  LIQUOR  RY DAY  AL  AL  AL  AL  AL  AL  AL  AL  AL	:	8	\$	\$	1	8
DAYS A WEEK. 6 4 8 8 13 DAYS A WEEK. 13 5 4 14 13 34 14 15 THAN ONCE A WEEK. 33 41 33 27 27 AL. 100 100 100 100 100 100 100 100 100 10	DAY.	6	၉	S.		٣
DAYS A WEEK. 13 5 13 DAYS A WEEK. 19 24 14 15 THAN ONCE A WEEK. 33 41 33 AL. 100 100 100 18Y DAY A WEEK. 1 3 1 1 DAYS A WEEK. 2 8 0 1 DAYS A WEEK. 2 8 16 DAYS A WEEK. 40 45 36 STHAN ONCE A WEEK. 40 45 AL. 100 100 RY DAY. 42 34 46 LIQUOR 100 100 RY DAY A WEEK. 10 10 10 10 10 10 10 10 10 10 10 10 10	DAYS A	9	4	80		6
DAYS A WEEK. 19 24 14  S THAN ONCE A WEEK. 33 41 33  AL. 100 100 100 100  RY DAY WEEK. 1 3 1  DAYS A WEEK. 2 8 0  DAYS A WEEK. 40 45  S THAN ONCE A WEEK. 40 45  LIQUOR  RY DAY TORINK. 100 100  RY DA	DAYS A	13	מו	13		11
S THAN ONCE A WEEK. 33 41 33  AL. 100 100 100 100  RY DAY WEEK. 25 23 27  BAYS A WEEK. 1 3 1 1 3 1 1	1-2 DAYS A WEEK	19	24	4		25
AL NOT DRINK 25 23 27  AL DAYS A WEEK 1 3 1 1 3 1 1	•	33	4	33		24
AL.  RY DAY  RY DAY  BAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.  1 3 1  DAYS A WEEK.  2 8 0  1 1  DAYS A WEEK.  40 45 36  LIQUOR  AL.  TOO 100  RY DAY  AL.  DAYS A WEEK.  10 10 10 10 10 10 10 10 10 10 10 10 10 1	•	25	23	27		28
AL.  RY DAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.  S THAN ONCE A WEEK.  LIQUOR  RY DAY  AL.  DAYS A WEEK.  14 9 16  9 16  14 9 16  16 40  17 00  10 10 10  11 DAYS A WEEK.  DAYS A WEEK.  10 10 10 10	WINE					
DAYS A WEEK	TOTAL	8	8	8	,	8
DAYS A WEEK	EVERY DAY	+	0	-		0
DAYS A WEEK. 2 8 0 DAYS A WEEK. 44 9 16 S THAN ONCE A WEEK. 40 45 36 NOT DRINK. 42 34 46 LIQUOR RY DAY A WEEK. 40 10 DAYS A WEEK. 4 3 3 3 DAYS A WEEK. 10 10	DAYS A	-	၈	-		0
DAYS A WEEK.   14   9   16	DAYS A	7	æ	0		7
S THAN ONCE A WEEK. 40 45 36  NDT DRINK. 42 34 46  LIQUOR  LIQUOR  AL. 100 100 100  AL. 100 100 0 0  DAYS A WEEK. 2 3 1  DAYS A WEEK. 10 10 11	DAYS A	14	o	91		15
LIQUOR LIQUOR AL.  RY DAYS A WEEK.  DAYS A WEEK.  10 DAYS A WEEK.  11 DAYS A WEEK.  12 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LESS THAN ONCE A WEEK.	64	45	36		49
LIQUOR AL	DID NOT DRINK	42	34	46		34
14 DAYS A WEEK 10 10 10 10 10 10 10 10 10 10 10 10 10	_					
ty DAY + 0 DAYS A WEEK. 2 3 DAYS A WEEK. 4 3 DAYS A WEEK. 10 10	T0TAL	8	8	\$	,	8
DAYS A WEEK 2 3 DAYS A WEEK 4 3 DAYS A WEEK 10 10	EVERY DAY	+	0	0		-
DAYS A WEEK 4 3 DAYS A WEEK 10 10	DAYS A	7	၈	-		8
01 01 10	DAYS A	4	6	е		7
	DAYS A	9	9	=		17
A WEEK 48 46	LESS THAN ONCE A WEEK	48	46	45		43
	Ş	36	37	38		30

+ LESS THAN HALF OF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
-\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS 04-06'S IN PACIFIC (PERCENTAGE OF POPULATION)\*\*

BEER EVERY DAY	100 100 100 100 100 100 100 100 100 100	100 2 2 2 12	NACY .	MARINE	AIR FORCE
TAL ERY DAY	0 € E E	8000	,	1	
FRY DAY	8	8000	'	1	
DAYS A	ოო	ผนนี้			8
DAYS A	9	u ŭ i			9
		<u>.</u>			<b>o</b>
4	13	•			œ
A SA	22	9			24
LESS THAN ONCE A WEEK.	24	35			34
DID NOT DRINK	36	35			9
WINE					
TOTAL	8	8	,	,	8
EVERY DAY	0	0			0
5-6 DAYS A WEEK	-	0	`		0
DAYS A	=	4			0
1-2 DAYS A WEEK	2	æ			24
LESS THAN ONCE A WEEK.	43	48			4
DID NOT DRINK	33	36			32
HARD LIQUOR					
	8	8	,	,	\$
EVERY DAY	7	0			ĸ
•	-	7			~
3-4 DAYS A WEEK	12	თ			13
1-2 DAYS A WEEK	ž.	6			20
7	50	31			4
	51	48			19

+ LESS THAN HALF OF ONE PERCENT.
- LESS THAN 30 RESPONDENTS.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS E1-E5'S IN OTHER LOCATIONS (PERCENTAGE OF POPULATION)\*\* TABLE IV-21

FREQUENCY DOD ARECULARYS A WEEK TO AND AND AND AND AND AND AND AND AND AND						
FAL.  FAL.  S THAN ONCE A WEEK.  B DAYS A WEEK.  S THAN ONCE A WEEK.  B DAYS A WEEK.  S THAN ONCE A WEEK.  B DAYS A WEEK.  C TAL.  C DAYS A WEEK.  C DAYS A WE		000	ARMY	NAVY	MARINE	AIR FORCE
FRY DAY A WEEK 16 15 10 10 10 10 10 10 10 10 10 10 10 10 10	23.58					
ERY DAY.  6 DAYS A WEEK  7 DAYS A WEEK  10 DAYS A WEEK  11 DAYS A WEEK  12 DAYS A WEEK  14 DAYS A WEEK  15 DAYS A WEEK  16 DAYS A WEEK  17 DAYS A WEEK  18 DAYS A WEEK  19 DAYS A WEEK  10 DAYS A WEEK  10 DAYS A WEEK  11 DAYS A WEEK  12 DAYS A WEEK  12 DAYS A WEEK  13 DAYS A WEEK  14 DAYS A WEEK  15 DAYS A WEEK  16 DAYS A WEEK  17 DAYS A WEEK  17 DAYS A WEEK  18 DAYS A WEEK  19 DAYS A WEEK  10 DAYS A WEEK  11 DAYS A WEEK  11 DAYS A WEEK  12 DAYS A WEEK  13 DAYS A WEEK  14 DAYS A WEEK  15 DAYS A WEEK  16 DAYS A WEEK  17 DAYS A WEEK  17 DAYS A WEEK  18 DAYS A WEEK  19 DAYS A WEEK  10 DAYS A WEEK  11 DAY		8	8	8		8
B DAYS A WEEK	DAY	6	ın	-	•	6
4 DAYS A WEEK. 16 15 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	DAYS A WEEK	•	Ø	o	•	ın
2 DAYS A WEEK. 17 22 25 27 28 27 28 27 29 27 29 27 29 29 29 29 29 29 29 29 29 29 29 29 29	DAYS A WEEK	16	£	8	٠	<del>-</del>
SS THAN ONCE A WEEK. 26 27  TAL. 90 100 100  TAL. 90 100 100  ERY DAY WEEK. 4 6 5 5 17  D DAYS A WEEK. 19 17  LIQUOR 100 100 100  TAL. 90 100  TAL. 90 1	DAYS A WEEK	17	22	13	•	2
TAL.  FRY DAY  FRY DAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.  2 DAYS A WEEK.  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	WEEK	56	27	27	*	23
TAL.  ENY DAY  E DAYS A WEEK  A DAYS A WEEK  2 DAYS A WEEK  2 DAYS A WEEK  1 1  2 DAYS A WEEK  10 17  11  12 DAYS A WEEK  10 17  11  12 DAYS A WEEK  10 10 10  10 1	NOT DRINK	စ္တ	22	9	•	£43
EVERY DAY.  5-6 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  10 17  PD LIQUOR  FOR LIQUOR  FOR LIQUOR  100 100  100  100  100  111  111  111	WINE	_			_	
EVERY DAY.  5-6 DAYS A WEEK.  3-4 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-2 DAYS A WEEK.  1-3 DAYS A WEEK.  1-4 DAYS A WEEK.  1-5 DAYS A WEEK.  1-6 DAYS A WEEK.  1-7 TATATATATATATATATATATATATATATATATATATA	•	8	8	8	•	8
3-4 DAYS A WEEK. + 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	:	+	+	0	•	-
3-4 DAYS A WEEK. 1 1-2 DAYS A WEEK. 6 5 LESS THAN ONCE A WEEK. 19 17 DID NOT DRINK. 74 77 TOTAL. 9 100 100 EVERY DAY. 1 2 5-6 DAYS A WEEK. 2 4 1-2 DAYS A WEEK. 2 4 1-2 DAYS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 2 4 1-2 CANS A WEEK. 3 4 1-2 CANS A WE	DAYS A WEEK	+	0	-	•	0
1-2 DAYS A WEEK. 6 5 LESS THAN ONCE A WEEK. 19 17 DID NOT DRINK. 74 77 TOTAL. 100 100 EVERY DAY. 1 2 5-6 DAYS A WEEK. 2 + 5 1-2 DAYS A WEEK. 2 1 1 11 1-2 CATAN AMER 105 1 2	DAYS A WEEK	-	-	-	•	0
LESS THAN ONCE A WEEK. 19 17  DID NOT DRINK. 74 77  RD LIQUOR  TOTAL OLOR  TOT		9	ស	<b>60</b>	•	*
DID NOT DRINK. 74 77  RD LIQUOR  TOTAL	WEEK	19	12	21	•	20
## P. L. G. P. P. P. P. P. P. P. P. P. P. P. P. P.	NOT DRINK	74	7.2	99	•	75
/ DAY	RD LIQUOR					
/ DAY 1 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		8	8	\$	•	\$
DAYS A WEEK. 2 + 1	EVERY DAY	-	~	-	٠	-
DAYS A WEEK 11 11 11 11 11 11	DAYS A	~	+	4	•	-
THAN CAME A MEEK 28 27	DAYS A WEEK	9	S.	9	•	က
THAN DAVE & MEEK 28 27	DAYS A WEFK	<b>-</b>	=	91	•	7
INAN UNCE A MEEN	S THAN ONCE A WEEK.	28	27	28	•	29
WOT DRINK 52 55	NOT DRINK	52	52	42	•	59

+ LESS THAN HALF OF UNE PERCENT.
• NOT APPLICABLE.
•\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF ALCCHOL USE DURING PAST 30 DAYS E6-E9'S IN OTHER LOCATIONS (PERCENTAGE OF POPULATION)\*\* TABLE IV-22

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL DOD	ARMY	NAVY	MARINE	AIR FORCE
BEER					
TOTAL	8	8	ş	•	8
EVERY DAY	7	വ	-	*	-
5-6 DAYS A WEEK	7	9	6	•	7
⋖	6	-	ç	*	9
1-2 DAYS A WEEK	18	15	50	•	19
LESS THAN DNCE A WEEK.	31	26	32	•	31
DID NOT DRINK	32	39	25	•	35
TOTAL	8	<u>\$</u>	\$	*	8
EVERY DAY	+	٥	0	•	-
9-	0	0	0	•	0
3-4 DAYS A WEEK	-	5	-	•	0
1-2 DAYS A WEEK	-	-	-	•	0
	19	61	20	•	61
	78	78	7.7	•	79
HARD LIQUOR					
TOTAL	8	\$	8	*	8
EVERY DAY	+	0	0	•	-
5-6 DAYS A WEEK	_	-	0	٠	-
3-4 DAYS A WEEK	e	6	4	•	-
1-2 DAYS A WEEK	<b>60</b>	80	9	•	0
LESS THAN DNCE A WEEK.	31	32	32	٠	22
DID NOT DRINK	57	52	52	•	63

LESS THAN HALF OF ONE PERCENT.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE 1V-23

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS 01-03'S IN OTHER LOCATIONS (PERCENTAGE OF POPULATION)\*\*

FREQUENCY DOD ARMY NAVY MARINE CORPS  1.				SER	SERVICE	
TAL  ERY DAY  DAYS A WEEK  DAYS	TYPE/ FREQUENCY	TOTAL	ARMY	> <b>A</b> S	MARINE	A1R FORCE
TAL  DAYS A WEEK	BEER					
ERY DAY WEEK 3 6 DAYS A WEEK 14 2 DAYS A WEEK 13 2 DAYS A WEEK 13 5 THAN ONCE A WEEK 22 D NOT DRINK 49 5 DAYS A WEEK 0 6 DAYS A WEEK 39 6 DAYS A WEEK 39 7 LIQUOR 100 6 DAYS A WEEK 39 7 LIQUOR 7 A WEEK 39 7 A DAYS A WEEK 39 7 A DAYS A WEEK 39 7 A DAYS A WEEK 39 7 A DAYS A WEEK 39 7 A DAYS A WEEK 39 7 A DAYS A WEEK 39 7 A DAYS A WEEK 39 7 A DAYS A WEEK 39 7 A DAYS A WEEK 39 7 A DAYS A WEEK 39 7 A DAYS A WEEK 30	TOTAL	8	1	1	•	1
B DAYS A WEEK	Y DAY	0			•	
2 DAYS A WEEK. 13 2 DAYS A WEEK. 13 2 DAYS A WEEK. 13 2 DAYS A WEEK. 22 D NOT DRINK. 49 4 DAYS A WEEK. 0 4 DAYS A WEEK. 39 2 DAYS A WEEK. 39 C LOUOR 4 DAYS A WEEK. 39 C DAYS A WEEK. 39 C DAYS A WEEK. 39 C DAYS A WEEK. 39 C DAYS A WEEK. 52 C DAYS A WEEK. 0 C DAYS A WEEK. 52 C DAYS A WEEK. 55 C DAYS A	DAYSA	ю ;			•	
SS THAN ONCE A WEEK. 22 D NOT DRINK. 49  TAL. 100 ERY DAY. 0 6 DAYS A WEEK. 9 2 DAYS A WEEK. 39 SS THAN ONCE A WEEK. 39 LIQUOR 100 ERY DAY. 0 6 DAYS A WEEK. 39 CLIQUOR 100 ERY DAY. 0 6 DAYS A WEEK. 39 CLIQUOR 100 ERY DAY. 100	DAYS A	4 6			• •	
TAL  TAL  TAL  TAL  TAL  TAL  TAL  TAL	•	22			•	
ERY DAY  DAYS A WEEK  DAYS A WEEK  DAYS A WEEK  DAYS A WEEK  DAY DAY  DAY DAY  DAY DAY  DAY DAY  DAY DAY  DAY DAY  DAY DAY  DAYS A WEEK  DAY DAY  DAY DAY  DAY DAY  DAY DAY  DAY DAY  DAY DAY  DAY DAY  DAY DAY  DAY	DID NOT DRINK	64			*	
A WEEK	VINE					
A WEEK 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TOTAL	8	•	ı	*	,
A WEEK. 0  A WEEK. 0  ONCE A WEEK. 39  RINK. 39  RINK. 52  RINK. 60  A WEEK. 0  A WEEK. 7  ONCE A WEEK. 46  DONCE A WEEK. 46	Y DAY	0				
A WEEK. 4  A WEEK. 9  ONCE A WEEK. 39  RINK. 9  100  100  A WEEK. 0  A WEEK. 5  A WEEK. 7  ONCE A WEEK. 46  DONCE A WEEK. 45	DAYS A 1	0			•	
A WEEK. 39 ONCE A WEEK. 39 RINK 52 RINK 60 A WEEK. 0 A WEEK. 5 A WEEK. 5 ONCE A WEEK. 46 DINK. 42	DAYS A	-			•	
ONCE A WEEK. 39   S2   S2   S2   S2   S2   S2   S3   S3	DAYS A	Œ.			•	
RINK	LESS THAN ONCE A WEEK.	39			•	
100	DID NOT DRINK	52			•	
Y DAY.  Y DAY.  OAYS A WEEK.  OAYS A WEEK.  THAN ONCE A WEEK.  AT THAN ONCE A WEEK.	HARD LIQUOR			_		
Y DAY. DAYS A WEEK. DAYS A WEEK. THAN ONCE A WEEK.	TOTAL	8	1	,	•	1
DAYS A WEEK	EVERY DAY	0			•	
DAYS A WEEK DAYS A WEEK THAN ONCE A WEEK	DAYS A	0			•	
DAYS A WEEK	DAYS A	S.			•	
THAN ONCE A WEEK.	DAYS A	7			•	
MOT DOTAK		46			•	
	DID NOT DRINK	42			•	

<sup>-</sup> LESS THAN 30 RESPONDENTS.
\* NOT APPLICABLE.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF ALCOHOL USE DURING PAST 30 DAYS 04-06'S IN OTHER LOCATIONS (PERCENTAGE OF POPULATION)\*\*

TOTAL DOD ARMY NAVY MARINE CORPS  EK 13 EK 19 EK 19 EK 22 EK 19 EK 0 EK 12 EK 0 EK 12 EK 0 EK 12 EK 0 EK 12 EK 0 EK 14 EK 14 EK 14 EK 14 EK 14 EK 14 EK 14 EK 14				SER	SERVICE	
### 100   10	TYPE/ FREQUENCY	T0TAL D0D	ARMY	NAVY	MARINE	AIR FORCE
ERY DAY	BEER Total	8	,	,	•	1
2 DAYS A WEEK 10 2 DAYS A WEEK 18 3 STHAN DNCE A WEEK 10 5 DAYS A WEEK 10 6 DAYS A WEEK 0 6 DAYS A WEEK 0 7 DAYS A WEEK 0 7 DAYS A WEEK 12 7 DAYS A WEEK 12 7 DAYS A WEEK 10 7 D	Y DAY	4 Ç			• •	
2 DAYS A WEEK. 18 2 SS THAN ONCE A WEEK. 33 3 NOT DRINK. 22 1 AL. 100 6 DAYS A WEEK. 0 6 DAYS A WEEK. 0 7 DAYS A WEEK. 0 7 DAYS A WEEK. 12 7 DAYS A WEEK. 15 7 DAYS A WEEK. 15 7 DAYS A WEEK. 15 7 DAYS A WEEK. 16 7 DAYS A WEEK. 16 7 DAYS A WEEK. 16 7 DAYS A WEEK. 16 7 DAYS A WEEK. 14 7 DAYS A WEEK. 14 7 DAYS A WEEK. 14 7 DAYS A WEEK. 14 7 DAYS A WEEK. 14 7 DAYS A WEEK. 14 7 DAYS A WEEK. 14 7 DAYS A WEEK. 14 7 DAYS A WEEK. 14	DAYS A WEEK.	5 0			•	
TAL  LIOUR  LAL  LIOUR  LAL  LOON  ERY DAY  WEEK  100	DAYS A WEEK.	89 (			• •	
TAL  TAL  TOO  DAYS A WEEK  TO DAYS A WEEK  TO DAYS A WEEK  TO DAYS A WEEK  TO DAYS A WEEK  TO DAYS A WEEK  TO DAYS A WEEK  TOO  TOO  TOO  TOO  TOO  TOO  TOO	₹ :	22				
A WEEK	VINE	9	,		•	;
A WEEK  A WEEK  A WEEK  ONCE A WEEK  100  100  A WEEK	EVERY DAY	30			•	
A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A	-			٠	
A WEEK A WEEK 35 100 100 100 100 100 100 100 100 100 10	DAYS A WEEK.	0;		_	• •	
A WEEK 55 4 4 WEEK 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		35			•	
100	DID NOT DRINK	51			•	
Y DAY. DAYS A WEEK. DAYS A WEEK. DAYS A WEEK. THAN ONCE A WEEK.	TOTAL	8	,	1	•	,
DAYS A WEEK. DAYS A WEEK. DAYS A WEEK. THAN ONCE A WEEK.	EVERY DAY	60		•	•	
DAYS A WEEK	DAYS A	5			•	
EK	DAYS A WEEK	80			•	
E A WEEK.	1-2 DAYS A WEEK	18			*	
	LESS THAN DNCE A WEEK.	4			•	
	DID NOT DRINK	47		_	•	

- LESS THAN 30 RESPONDENTS.

NOT APPLICABLE.

\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

Quantity Consumed During A Typical Drinking Day
Obviously, the quantity of alcohol consumed during a
single day or occasion is more relevant to the development
of drinking problems than is the number of days during which
any drinking occurs, although both quantity and frequency
need to be taken into account in determining dependence
upon alcohol (as discussed later in this chapter). The data
on quantity consumed for each of the three alcoholic beverages will help to provide a preliminary indication of which
beverages are involved in the heavier types of drinking.
Total-Worldwide

For all military personnel, and within each of the four Services, beer was the beverage that was heavily consumed by the most respondents (Table IV-25). On a typical day on which any drinking occurred during the past 30 days, 29 percent of all military personnel reportedly drank four or more drinks of beer. Eight percent of the respondents reportedly engaged in "heavy drinking" of beer--defined as consuming eight or more drinks on a typical drinking day.

Heavy drinking of wine was rarely reported (by about only 1 percent of respondents).

Heavy drinking of hard liquor, however, was reportedly nearly as common as heavy drinking of beer; 6 percent of all

<sup>&</sup>lt;sup>1</sup>A drink of beer is defined as one 12 ounce can, bottle or glass of beer.

TABLE IV-25
QUANTITY CONSUMED ON A TYPICAL DRINKING DAY
DURING PAST 30 DAYS--TOTAL DOD
(PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	AAN	MARINE	AIR FORCE
0					
TOTAL	8	8	8	ş	\$
1 DRINK	7	42	=	6	<del>+</del>
2-3 DRINKS	32	31	30	31	33
4-7 DRINKS	21	50	25	28	1.7
-	<b>S</b>	'n	7	7	6
R MORE DRINK	6	<b>6</b>	ß	4	-
DID NOT DRINK	26	28	22	21	30
MINE					
TOTAL	8	8	8	8	8
1 DRINK	ç	o	6	60	12
2-3 DRINKS	19	81	8	5	23
4-7 DRINKS	ស	4	9	ស	<b>K</b> D
8-11 DRINKS	+	+	*	•	•
12 OR MORE DRINKS	-	-	-	-	-
DID NOT DRINK.	65	67	65	7.1	90
HARD LIQUOR					
TOTAL	8	\$	8	8	<u>8</u>
1 DRINK	9	თ	6	7	12
2-3 DRINKS	23	22	24	22	24
-1	13	12	15	4-	=
8-11 DRINKS	4	၈	ß	9	7
12 OR MORE DRINKS	7	7	9	7	-
DID NOT DRINK	48	20	44	49	50

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

NOTE: FIGURES INCLUDE W1-W4'S.

respondents reported they had consumed eight or more drinks 1 of hard liquor on a typical drinking day during the past 30 days.

# Quantity Patterns by Pay Grade Group

Tables IV-26 through IV-30 display quantity consumed on a typical drinking day by pay grade group. Heavy drinking was reported almost exclusively by enlisted personnel. Twelve percent of E1-E5's and 4 percent of E6-E9's, worldwide, indicated heavy drinking of beer. The comparable figures for wine were about 1 percent for both enlisted groups. Eight percent of E1-E5's reported heavy drinking of hard liquor compared to 3 percent of the E6-E9's. Only about 1 percent or less of each officer or warrant officer group, worldwide, reported heavy drinking of each type of beverage.

#### Regional Patterns

The quantity of alcoholic beverages consumed on a typical drinking day during the past 30 days is displayed for CONUS, Europe, Pacific, and Other Locations in Tables IV-31 through IV-46. Because officers only rarely reported heavy drinking in any region, this discussion will focus on enlisted personnel.

The percentages of enlisted respondents who reported heavy drinking are summarized in Table IV-47. For junior enlisted personnel, the regional patterns are varied. The

The respondents who drank hard liquor in the past 30 days were asked to indicate the number of ounces of hard liquor in their average drink. The answers ranged from one to five ounces; the average was 1.7 ounces.

IABLE IV-26

QUANTITY COURING PAST (PE		CONSUMED ON A TYPICAL DRIN 30 DAYSE1-E5'S IN TOTAL RCENTAGE OF POPULATION)**	¥	ING DAY WORLDWIDE	
			SERVICE	'I C E	
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
BEER					
TOTAL	8	8	8	8	\$
1 DRINK	Ø	6	æ	æ	=
2-3 DRINKS	30	ē	28	28	33
	25	25	29	31	20
8-11 DRINKS	7	9	Ø	o	4
12 OR MORE DRINKS	S.	4	7	9	7
DID NOT DRINK	24	25	19	19	29
WINE					
TOTAL	\$	8	<del>5</del>	8	8
1 DRINK	∞	80	60	_	9
2-3 DRINKS	16	16	16	13	<u>.</u>
4-7 DRINKS	9	9	80	9	9
8-11 DRINKS	+	+	+	+	-
12 OR MORE DRINKS	-	-	-	-	-
DID NOT DRINK	67	69	67	73	64
HARD LIGUOR					
TOTAL	\$	<u>\$</u>	8	8	8
1 DRINK	œ	<b>6</b> 0	80	9	ō
2-3 DRINKS	21	20	21	20	23
4-7 DRINKS	51	4	61	15	12
8-11 DRINKS	ß	4	7	7	9
12 OR MORE DRINKS	၈	၈	4	9	7
	48	10	41	48	50

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-27

QUANTITY CONSUMED ON A TYPICAL DRINKING DAY DURING PAST 30 DAYS--E6-E9'S IN TOTAL WORLDWIDE (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	T07AL D0D	ARMY	NAVY	MARINE	AIR FORCE
BEER					
TOTAL	8	8	8	8	8
1 DRINK	13	<del>-</del>	=	9	5
2-3 DRINKS	32	30	33	38	33
4-7 DRINKS	6	9+	21	22	8
8-11 DRINKS	ო	4	ო	ო	-
12 OR MORE DRINKS	-	7	8	٥	-
DID NOT DRINK	32	34	31	28	32
*INE					
TOTAL	8	9	8	8	8
1 DRINK	œ	7	_	9	=
2-3 DRINKS	41	12	4	91	11
4-7 DRINKS	ო	7	e	9	6
8-11 DRINKS	+	+	+	٥	+
12 OR MORE DRINKS	+	-	•	-	•
DID NOT DRINK	74	78	75	74	69
HARD LIQUOR					
TOTAL	8	8	8	\$	8
1 DRINK	œ	<b>60</b>	60	9	0
2-3 DRINKS	22	21	24	23	22
4-7 DRINKS	9	Ξ	6	12	9
8-11 DRINKS	7	<b>г</b>	ო	2	-
12 DR MORE DRINKS	-	-	-	-	<del>-</del>
DID NOT DRINK	96	95	56	S U	r.

+ LESS THAN HALF DF DNE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-28

ING DAY	DURING PAST 30 DAYS WI-W4'S IN TOTAL WORLDWIDE	
DRING S	TOTAL	* * (NO
I TYPICAL	NI S. PM-	POPULATI
N	=	9
CONSUMED	30 DAYS-	<b>ERCENTAGE</b>
ITY	PAST	٥
PUANT	DURING	

MCV MK INKS	100 100 100 100 100 100 100 100 100 100	4RMY 100 100 24	100 13 13 001 13 001	MARINE	AIR FORCE
DRINK. DRINKS. T DRINKS. OR MORE DRINKS. ON NOT DRINK.	00 8 # # 8 1 + 0	100 24 28	00 18 18 19 0	ı	
PRINK DRINKS T DRINKS T DRINKS OR MORE DRINKS ONOT DRINK	8 8 8 5 + 0	00 24 8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
DRINK. 3 DRINKS. 11 DRINKS. OR MORE DRINKS. ONOT DRINK.	33 48	24	644		• • • •
DRINKS	0 + 52	28	6 7 0		* * •
7 DRINKS. 11 DRINKS. OR MORE DRINKS. 3 NOT DRINK.	ŭ+0	2	<u>-</u> 0		• •
11 DRINKS	+0	=	0	_	•
OR MORE DRINKS	0	0			•
NOT DRINK		0	0		•
TAL	36	37	27		•
	\$	8	8	,	•
- DRINK	13	0	18		*
2-3 DRINKS	61	18	59		•
4-7 DRINKS	-	-	S.		•
8-11 DRINKS	0	0	0		•
12 OR MORE DRINKS	0	0	0		•
DID NOT DRINK	99	7.1	48		•
HARD LIQUOR	_				
TOTAL	8	8	8	1	•
	Ξ	=	13		•
	30	32	31		•
DRINKS	7	7	-		•
8-11 DRINKS	+	0	-		•
DRINKS	0	0	0		•
DID NOT DRINK	26	54	52		•

\* NOT APPLICABLE.
- LESS THAN 30 RESPONDENTS.
+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-29
QUANTITY CONSUMED ON A TYPICAL DRINKING DAY
DURING PAST 30 DAYS--01-03'S IN TOTAL WORLDWIDE
(PERCENTAGE OF POPULATION)\*\*

			SER	SEKVICE	
TYPE/ FREQUENCY	T0TAL 000	ARMY	NAV.	MARINE	AIR FORCE
BEER					
TOTAL	8	\$	\$	\$	<u>\$</u>
1 DRINK	50	22	6	91	21
2-3 DRINKS.	37	35	44	48	36
4-7 DRINKS	œ	ı.	12	80	<b>5</b> 0
8-11 DRINKS.	+	+	+	0	+
12 DR MORE DRINKS	+	-	0	-	0
DED NOT DRINK	33	40	25	18	35
LINE					
TOTAL	8	8	8	ğ	8
+ DRINK	19	20	16	4	20
2-3 DRINKS	34	31	34	29	38
4-7 DRINKS	6	6	4	-	9
8-11 DRINKS	+	+	+	0	+
12 OR MORE DRINKS	+	0	+	0	٥
DID NOT DRINK.	44	46	46	56	04
HARD LIQUOR					
TOTAL	8	\$	\$	\$	<u>\$</u>
1 DRINK	19	æ	21	21	92
2-3 DRINKS	28	30	31	26	25
4-7 DRINKS	9	S.	4	6	7
	-	-	7	-	•
12 OR MORE DRINKS	0	٥	0	0	٥
DID NOT DRINK	47	47	42	43	49

+ LESS THAN HALF OF ONE PERCENT. \*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-30
QUANTITY CONSUMED ON A TYPICAL DRINKING DAY
DURING PAST 30 DAYS--04-06'S IN TOTAL WORLDWIDE
(PERCENTAGE OF POPULATION)\*\*

FREQUENCY FREQUENCY TOTAL TOTAL	TOTAL				
rat.	8	ARMY	NAV.	MARINE	AIR FORCE
rat					
	8	8	8	\$	8
	32	53	46	26	27
2-3 DRINKS	36	39	29	32	37
4-7 DRINKS	ß	8	g	<b>о</b>	9
8-11 DRINKS	-	-	0	٥	+
MORED	+	0	0	0	+
DID NOT DRINK	27	29	18	30	30
WINE.					
TOTAL	8	\$	8	\$	8
1 DRINK	25	27	28	23	21
2-3 DRINKS	48	. 44	47	44	54
4-7 DRINKS	7	+	e	4	e
Ξ	0	0	0	0	0
12 OR MORE DRINKS	0	0	0	0	0
DID NOT DRINK	25	28	22	29	23
HARD LIQUOR					
T0TAL	8	\$	8	\$	8
	20	22	17	4.	21
	44	45	46	46	4
4-7 DRINKS	4	4	₹	8	ß
8-11 DRINKS	0	0	0	0	0
12 OR MORE DRINKS	+	+	٥	0	•
DID NOT DRINK	32	28	33	38	33

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

QUANTITY CONSUMED ON A TYPICAL DRINKING DAY DURING PAST 30 DAYS--E1-E5'S IN CONUS (PERCENTAGE OF POPULATION)\*\*

TYPE/   TOTAL   ARMY NAVY MARINE   CORPS   C		-		SER	SERVICE	
S. 25 24 30 100 100 100 100 100 100 100 100 100	TYPE/ FREQUENCY	TOTAL DOD	ARMY	NAV	MARINE	AIR FORCE
S. 25 24 30 100 100 100 100 100 100 100 100 100	BEER					
S. 25 24 30 36 88 88 88 88 88 88 88 88 88 88 88 88 88	TOTAL	ş	8	8	8	\$
S. 30 31 27 29 8	¥	6	<b>o</b>	æ	<b>80</b>	Ξ
S. 25 24 30 30 80 E DRINKS. 5 5 5 6 10 89 8 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		30	31	27	29	33
E DRINKS. 7 6 10 9 17 1 17 1 17 1 17 1 17 1 17 1 17 1	4-7 DRINKS	25	24	30	30	20
E DRINKS. 5 5 7 6 6 7 100 100 100 100 100 100 100 100 100 1	8-11 DRINKS	7	9	9	6	S
RINK 23 25 18 17 17 18 17 18 17 18 17 18 17 18 17 18 17 18 18 17 18 18 17 18 18 17 18 18 17 18 18 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18	12 OR MORE DRINKS	3	'n	7	y	7
S. 160 100 100 100 100 100 100 100 100 100	D NOT	23	25	18	17	29
S	AINE					
F DRINKS 15 14 15	TOTAL	\$	\$	8	ŝ	\$
S. 15 14 15	1 DRINK	80	7	60	7	ō
S. 6 4 7 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2-3 DRINKS	15	4.	£	14	17
FINK 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4-7 DRINKS	9	4	^	9	4
RIMK. 70 73 69 73 73 73 73 73 73 73 73 73 73 73 73 73	-11	+	+	+	0	-
RINK. 70 73 69 73 69 73 69 73 69 73 69 73 69 73 69 73 69 73 69 73 69 74 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	OR MORE	- -	-	-	-	-
S 21 20 21 21 21 21 21 21 21 21 21 21 21 21 21	RINK	70	73	69	73	68
100   100	HARD LIQUOR					
DRINKS	T0TAL	\$	\$	\$	\$	\$
DRINKS	- ORINK	80	7	<b>6</b> 0	9	õ
DRINKS 15 14 19 14 19 14 19 14 19 14 19 14 19 14 19 14 19 14 19 14 19 14 19 14 19 14 19 14 19 19 19 19 19 19 19 19 19 19 19 19 19	2-3 DRINKS	21	8	21	21	22
1 DRINKS 5 5 4 7 7 7 7 8 9 8 9 8 9 9 9 9 9 9 9 9 9 9 9		\$	- 4	19	4-	12
DR MORE DRINKS 3 3 4 3	8-11 DRINKS	ıņ	4	7	7	m
NOT COTAN		ო	e	4	၈	8
MOI DAIMM 456 32 40 50	DID NOT DRINK	48	52	40	20	52

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-32

\*

QUANTITY CONSUMED ON A TYPICAL DRINKING DAY DURING PAST 30 DAYS--E6-E9'S IN CONUS (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	VAV.	MARINE	AIR FORCE
BEER					
TOTAL	8	8	8	3	8
1 DRINK	13	ŧ,	=	9	15
2-3 DRINKS	31	30	35	38	31
4-7 DRINKS	19	4	50	24	50
8-11 DRINKS	e	4	4	8	-
12 OR MORE DRINKS	-	~	7	0	-
DID NOT DRINK	33	37	32	26	33
WINE					
TOTAL	8	8	8	8	8
+ DRINK	7	ß	9	9	6
2-3 DRINKS	12	æ	12	17	13
4-7 DRINKS	၉	~	င	4	6
8-11 DRINKS	+	0	0	0	•
12 OR MORE DRINKS	+	-	-	0	0
DID NOT DRINK	78	84	7.8	72	74
HARD LIQUOR					
TOTAL	8	\$	\$	8	\$
1 DRINK	7	7	80	9	æ
2-3 DRINKS	21	6	24	22	21
	0	=	o o	13	ō
8-11 DRINKS	7	7	က	~	-
12 OR MORE DRINKS	-	-	-	-	-
DID NOT DRINK	58	09	55	55	09

+ LESS THAN HALF OF ONE PERCENT.

\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-33
QUANTITY CONSUMED ON A TYPICAL DRINKING DAY
DURING PAST 30 DAYS--01-03'S IN CONUS
(PERCENTAGE OF POPULATION)\*\*

BEER         TYPE/         TOTAL         ARMY         NAVY         MARINE         AIR           BEER         TOTAL         100         100         100         100         100           TOTAL         10RINKS         38         33         48         50         35           2-3 DRINKS         4         1         0         16         35           4-7 DRINKS         4         1         0         16         0           12 DR MORE DRINKS         4         1         0         1         0           12 DR MORE DRINKS         4         1         0         1         0           10 DR NOT DRINKS         33         24         17         36           4-7 DRINKS         4         1         0         1         0           10 DR NOT DRINKS         4         0         1         0         1           4-7 DRINKS         4         7         50         48         56         42           10 DID NOT DRINKS         4         7         50         18         1         1           2-3 DRINKS         5         4         7         50         48         56           4-7				SER	SERVICE	
S	TYPE/ FREQUENCY	TOTAL DOD	ARMY	NAVY	MARINE	AIR FORCE
100	21120					
S. 38 33 48 56 56 56 56 56 56 56 56 56 56 56 56 56	TOTAL	8	8	8	\$	8
S. 38 33 48 50 16 16 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	1 DRINK	50	21	<del>2</del>	9	21
S. + + + + 1 0 16  E. DRINKS. + + + + 1 0 16  INC. 100 100 100 100  S. 24 17  S. 29 33 27  S. 2 2 3 11  KS. + + 0 + 0 0  E. DRINKS. + + 0 100  S. 56  KS. + + 0 100  TOO 100 100  TOO 1	•	38	33	48	50	32
F DRINKS. + + + + 1		æ	S.	\$	9	<b>cc</b>
F DRINKS + 1 0 11  RINK 33 39 24 17  100 100 100 100 100  5 33 29 33 27  2 2 3 16  16 18 16  18 17 21 18  5 5 6 6 6 4 8  8 10K INKS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		+	+	+	0	0
RINK  33 39 24 17  100 100 100 100  18 18 16 16  18 23 29 33 27  2 2 3 1 1  2 2 3 1 1  2 2 3 1  2 3 3 29  3 3 29  4 4 0 0 0  100 100 100  100 100 100  100 1	12 DR MORE DRINKS	+	-	0	-	0
S	DID NOT DRINK	33	39	24	1,	36
S 3 3 3 3 3 3 2 7 8 16 16 16 16 16 16 16 16 16 16 16 16 16	WINE					
SS 33 27 29 33 27 27 28 33 27 27 28 28 33 27 27 28 28 31 28 27 28 28 28 27 28 28 27 28 28 27 21 18 27 28 28 27 21 18 27 28 28 21 27 28 28 27 28 28 27 28 28 27 28 28 27 28 28 27 28 28 28 28 27 28 28 28 28 28 28 28 28 28 28 28 28 28	TOTAL	8	\$	5	8	<u>\$</u>
S. 33 27 S. 4 + 0 + 0 E DRINKS. + + 0 + 0 RINK. 47 50 100 100 100 18 17 21 18 S. 6 6 6 4 8 KS. + 0 0 0 0 0 RINK. 0 0 0 0 0 RINK. 47 46 43 45	1 DRINK	<del>*</del>	æ	16	91	19
S	2-3 DRINKS	33	59	33	27	36
KS		7	8	e	-	7
E DRINKS + 0 + 0 + 0   0   0   0   0   0   0   0	8-11 DRINKS	+	+	0	0	+
RINK 47 50 48 56 100 100 100 100 100 100 100 100 100 10		+	0	•	0	0
S	DID NOT DRINK	47	20	48	56	42
100   100	HARD LIQUOR					
DRINKS. 28 31 27 2 18 19 19 19 19 19 19 19 19 19 19 19 19 19	TOTAL	8	8	3	\$	8
DRINKS     28     31     31     27     2       DRINKS     6     6     4     8     9       I DRINKS     +     0     1     1       I R MORE DRINKS     0     0     0     0       NOT DRINK     47     46     43     45	1 DRINK	8	17	21	<u>s</u>	<b>.</b>
DRINKS 6 6 4 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		28	31	31	27	24
1 DRINKS + 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		9	9	4	60	7
DR MORE DRINKS         0         0         0         0           NOT DRINK         47         46         43         45         5	-	+	0	-	-	-
NOT DRINK 47 46 43 45 5		0	0	0	0	0
	NOT	47	46	43	45	51

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-34
QUANTITY CONSUMED ON A TYPICAL DRINKING DAY
DURING PAST 30 DAYS--04-06'S IN CONUS
(PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NAV.	MARINE	AIR
BEER					
1 DRINK	8 28	8 %	8 %	8 %	82
2-3 DRINKS	36	9	31	34	36
۲-	4	-	4	2	9
~	-	<b>-</b>	0	0	•
¥ 8	0	0	0	0	0
DID NOT DRINK	27	31	=	28	35
TOTAL	8	ş	8	8	\$
1 DRINK	27	31	31	24	21
2-3 DRINKS	47	66	49	44	52
	~	0	a	7	ო
8-11 DRINKS	0	0	0	0	0
2K ₹	0	0	0	0	0
2	25	30	19	31	24
HARD LIQUOR					
TOTAL	8	\$	<del>5</del>	\$	8
OZ.	50	21	20	-	21
2-3 DRINKS	46	50	51	52	4
4-7 DRINKS	4	က	4	-	ī.
8-11 DRINKS	0	0	0	0	0
¥ X	٥	0	0	0	0
DID NOT DRINK	30	26	56	36	34
				į	

+ LESS THAN HALF OF ONE PERCENT. \*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

QUANTITY CONSUMED ON A TYPICAL DRINKING DAY DURING PAST 30 DAYS-"E1-E5'S IN EUROPE (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR
BEER					
1 DRINK	3 ≎	9 6	§ 5	• •	3 =
2-3 DRINKS	32	32	28	•	34
4-7 DRINKS	25	27	18	*	50
8-11 DRINKS.	ß	ß	7	•	r.
12 OR MORE DRINKS	e (	4 (	e ;	•	- (
DID NOT DRINK	<b>5</b> 2	23	'n	•	56
TOTAL	8	8	8	•	8
1 DRINK	=	6	13	٠	4
2-3 DRINKS	25	23	37	•	27
4-7 DRINKS	6	80	£3	•	=
	+	+	-	•	-
12 OR MORE DRINKS	8	7	2	•	7
DID NOT DRINK	53	58	35	•	<b>4</b> 5
HARD LIQUOR					
TOTAL	8	8	8	•	8
	-	o o	12	•	ē.
2-3 DRINKS	22	22	21	•	25
4-7 DRINKS	4	51	=	•	13
8-11 DRINKS	c	က	m	•	6
12 OR MORE DRINKS	၉	4	7	•	~
DID NOT DRINK	46	47	20	•	43

LESS THAN HALF OF ONE PERCENT.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

QUANTITY CONSUMED ON A TYPICAL DRINKING DAY DURING PAST 30 DAYS--E6-E9'S IN EUROPE (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
233					
TOTAL	8	\$	8	•	8
1 DRINK	17	16	6	•	21
2-3 DRINKS	31	59	40	•	36
4-7 DRINKS	17	8	20	•	15
8-11 DRINKS	4	ß	7	•	-
12 DR MORE DRINKS.	7	8	7	•	-
DID NOT DRINK	29	30	26	•	27
WINE					
TOTAL	8	ş	8	•	\$
1 DRINK	£	Ξ	16	•	17
2-3 DRINKS	23	8	36	•	34
4-7 DRINKS	е	<u>ო</u>	g	*	_
8-11 DRINKS	+	+	-	•	•
12 OR MORE DRINKS	-	-	-	•	0
DID NOT DRINK	09	19	40	•	87
TOTAL	Ş	,		•	
	3:	3:	3 °	•	3 :
	7 .	- (	n (		9 !
ر ا	24	23	53	•	27
4-7 DRINKS	=	Ξ	6	•	6
8-11 DRINKS	4	ις	7	•	-
12 OR MORE DRINKS	-	-	7	•	
DID NOT DRINK	19	49	55	٠	46

<sup>+</sup> LESS THAN HALF OF ONE PERCENT.

\* NOT APPLICABLE.

\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

QUANTITY CONSUMED ON A TYPICAL DRINKING DAY DURING PAST 30 DAYS--01-03'S IN EUROPE (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	101AL 000	ARMY	WAVY	MARINE	AIR
				C L KOO	TURCE
BEER	•				
TOTAL	8	8	8	*	8
1 DRINK	24	24	20	٠	25
2-3 DRINKS	31	56	23	•	42
4-7 DRINKS	4	7	23	•	7
8-11 DRINKS	0	0	0	•	0
12 OR MORE DRINKS	~	n	0	•	0
DID NOT DRINK	38	45	34	*	30
AINE					
TOTAL	8	8	8		<u>\$</u>
	27	27	25	•	28
	643	38	9	*	51
-7	ស	4	13	*	4
8-11 DRINKS	0	0	0	•	0
	0	0	0	*	0
	25	31	22	•	17
HARD LIQUOR					
TOTAL	8	8	\$	•	<u>\$</u>
1 DRINK	6	17	23	*	50
	56	25	30	•	59
4-7 DRINKS	e	7	0	•	7
8-11 DRINKS	8	6	ın.	•	0
¥ ≪	0	0	0	•	0
DID NOT DRINK	49	54	43	•	44
		i			

NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

QUANTITY CONSUMED ON A TYPICAL DRINKING DAY DURING PAST 30 DAYS--04-06'S IN EUROPE (PERCENTAGE OF POPULATION)\*\* TABLE IV-38

			SER	SERVICE	
TYPE/ FREQUENCY	707AL 000	ARMY	NAVY	MARINE	AIR FORCE
21.00					
TOTAL	ş	,	\$	•	8
1 DRINK	37		23	•	33
	43		38	•	47
4-7 DRINKS	၉		၈	•	9
1 DRINKS	0		0	*	0
12 OR MORE DRINKS	0		0	•	0
O NOT DR	17		32	•	4
KINE					
TOTAL	\$	,	<u>\$</u>	*	\$
1 DRINK	12		6	٠	7
2-3 DRINKS	72		64	*	75
4-7 DRINKS	9	_	ō	•	-
8-11 DRINKS	0		0	•	0
12 OR MORE DRINKS	0		0	*	0
DID NOT DRINK	10		11	*	ō
HAKU LIQUUK					
TOTAL	8	1	\$	•	\$
•	59		=	*	56
2-3 DRINKS	37		20	•	42
4-7 DRINKS	7		ī.	•	s
8-11 DRINKS	0		0	•	0
12 OR MORE DRINKS	0		0	•	0
DID NOT DRINK	27		34	•	27

LESS THAN 30 RESPONDENTS. NOT APPLICABLE. PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-39
QUANTITY CONSUMED ON A TYPICAL DRINKING DAY
DURING PAST 30 DAYS--E1-E5'S IN PACIFIC
(PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMV	NAVY	MARINE	A1R FORCE
8000					
TOTAL	8	\$	\$	8	\$
† DRINK	60	o	7	7	9
2-3 DRINKS	29	33	<b>58</b>	25	31
	25	21	25	31	23
8-11 DRINKS	7	S.	7	80	4
12 OR MORE DRINKS	4	4	7	4	-
DID NOT DRINK	26	28	22	25	30
WINE	_				
TOTAL	8	8	ş	8	8
1 DRINK	60	20	7	7	<b>&amp;</b>
2-3 DRINKS	16	19	<del>6</del>	9	18
4-7 DRINKS	7	9	თ	9	<b>6</b> 0
8-11 DRINKS	-	-	-	-	+
12 OR MORE DRINKS	8	ဗ	7	7	-
DID NOT DRINK	99	61	62	75	64
HARD LIQUOR					
TOTAL	8	8	8	8	\$
1 DRINK	€	Ø	7	9	9
2-3 DRINKS	22	22	21	8	26
4-7 DRINKS	17	7	17	21	15
8-11 DRINKS	9	6	9	ō	4
12 OR MORE DRINKS	6	6	4	4	-
DID NOT DRINK	44	48	46	- 4	44
					; ; ;

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-40

QUANTITY CONSUMED ON A TYPICAL DRINKING DAY DURING PAST 30 DAYS--E6-E9'S IN PACIFIC (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	707AL D0D	ARMY	NAVY	MARINE	A1R FORCE
BEER					
TOTAL	8	\$	8	<u>\$</u>	8
1 DRINK	Ξ	Ξ	12	æ	õ
2-3 DRINKS	96	34	32	38	43
4-7 DRINKS	21	21	27	1.1	1.1
8-11 DRINKS	7	9	-	4	6
12 OR MORE DRINKS	-	-	7	0	0
DID NOT DRINK	29	30	27	33	27
WINE					
TOTAL	8	8	8	8	8
1 DRINK	60	9	6	S	9
2-3 DRINKS	18	16	50	7	50
4-7 DRINKS	е	<b>-</b>	4	-	4
8-11 DRINKS	+	-	0	0	٥
12 OR MORE DRINKS	+	+	0	7	•
DID NOT DRINK	7.1	16	29	78	65
HARD LIQUOR					
TOTAL	\$	8	8	8	\$
1 DRINK	7	S	<b>6</b> 0	9	6
2-3 DRINKS	25	25	23	23	29
4-7 DRINKS	=	12	Ξ	1.1	13
8-11 DRINKS	7	4	7	6	-
12 OR MORE DRINKS	-	-	-	-	-
	54	54	57	26	48

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-41

QUANTITY CONSUMED ON A TYPICAL DRINKING DAY DURING PAST 30 DAYS--01-03'S IN PACIFIC (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL DOD	ARMY	NAVY	MARINE	AIR FORCE
BEER					
TOTAL	\$	8	8	,	5
1 DRINK	22	27	22		24
2-3 DRINKS	39	43	39		33
4-7 DRINKS	13	9	12		ç
8-11 DRINKS	-	7	0		7
12 OR MORE DRINKS	0	0	0		0
DID NOT DRINK	25	23	27		30
KINE					
TOTAL	8	8	8	,	8
+ DRINK	8	27	ũ		24
2-3 DRINKS	36	34	33		4
4-7 DRINKS	4	4	Ю		<b>y</b>
8-11 DRINKS	+	0	-		0
12 OR MORE DRINKS	+	0	-		0
DID NOT DRINK	41	34	46		29
HARD LIQUOR					
TOTAL	8	8	8	1	5
1 DRINK	24	26	23		50
	32	33	28		4 4
4-7 DRINKS	7	6	9		0
	-	0	4		0
12 OR MORE DRINKS.	0	0	0		0
DID NOT DRINK	36	37	39		30

LESS THAN HALF OF ONE PERCENT. LESS THAN 30 RESPONDENTS. PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

QUANTITY CONSUMED ON A TYPICAL DRINKING DAY DURING PAST 30 DAYS--04-06'S IN PACIFIC (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL DOD	ARMY	NAVY	MARINE	AIR FORCE
0336					
10111	Ş				
	3	3			3
	24	22			56
2-3 DRINKS	<b>5</b> 6	27	_		47
	13	5			4
8-11 DRINKS	+	7			٥
12 DR MORF DRINKS	-	c			4
O TO NOT DETAIL	36	, r			• •
INTA	3	3			2
1014	ξ	ξ		1	5
	3 8	3 ;			3 :
	52	5			4
2-3 DRINKS	9	38			52
	8	8			0
8-11 DRINKS	0	0			0
12 OR MORE DRINKS	0	0			0
DID NOT DRINK	33	39			35
HARD LIQUOR					
TOTAL	8	8	1	,	8
1 DRINK	13	0			24
2-3 DRINKS	31	33			47
4-7 DRINKS	4	9			7
8-11 DRINKS	0	0			0
12 OR MORE DRINKS	-	. 7			2
DID NOT DRINK	51	48			61

+ + :

LESS THAN HALF OF ONE PERCENT. LESS THAN 30 RESPONDENTS. PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

QUANTITY CONSUMED ON A TYPICAL DRINKING DAY DURING PAST 30 DAYS--E1-E5'S IN OTHER LOCATIONS (PERCENTAGE OF POPULATION)\*\*

			030	CEBVICE	
			36	105	
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
8668					
TOTAL	8	\$	8	•	\$
•	13	17	o	*	ç
2-3 DRINKS	28	28	29	•	27
4-7 DRINKS	22	23	27	•	16
-	SO.	g	4	*	n
12 OR MORE DRINKS	n	4	-	*	-
DID NOT DRINK	30	23	53	*	4
*INE					
TOTAL	8	\$	\$	•	\$
ш.	7	9	80	•	80
2-3 DRINKS	Ξ	-	=	٠	13
-7	9	9	80		4
1 DRINKS	+	<b>-</b>	-	•	0
	-	-	4	•	0
2	73	16	89	•	75
HARD LIQUOR		•	•		
	3'	3,	3'	• •	3 0
Ľ	- !	! ۵	, -	•	ָר ת
ا ا	6	1.1	23	•	6
	15	91	19	•	9
8-11 DRINKS	4	4	ស	•	7
12 OR MORE DRINKS	၈	e	4	•	-
DID NOT DRINK	52	54	41	•	53

<sup>+</sup> LESS THAN HALF OF ONE PERCENT.
• NOT APPLICABLE.
•\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

QUANTITY CONSUMED ON A TYPICAL DRINKING DAY DURING PAST 30 DAYS--E6-E9'S IN OTHER LOCATIONS (PEDCENTAGE OF POPUL ATTOM)\*\*

	(PERCENTAGE OF	OF POPULATION)**	**(20)		
			SER	SERVICE	
TYPE/ FREQUENCY	101AL 000	ARMY	NA V Y	MARINE	A1R FORCE
BEER					
TOTAL	8	8	8	•	8
1 DRINK	o o	6	9	•	13
2-3 DRINKS	37	28	45	•	34
4-7 DRINKS	20	20	22	•	16
8-11 DRINKS	7	-	က	•	-
12 OR MORE DRINKS	0	0	0	•	0
DID NOT DRINK	32	41	25	•	32
MINE					
TOTAL	8	\$	8	•	8
1 DRINK	æ	9	o	•	6
2-3 DRINKS	ç	4	9	•	g
4-7 DRINKS	6	7	6	•	4
_	-	0	-	•	0
12 OR MORE DRINKS	+	0	0	•	-
DID NOT DRINK	78	78	7.7	•	79
HARD LIQUOR					
TOTAL	8	\$	8	•	8
1 DRINK	7	æ	7	•	g
2-3 DRINKS	22	61	26	•	19
4-7 DRINKS	14	19	12	•	0
** 8-11 DRINKS	+	0	0	•	_
12 OR MORE DRINKS	0	0	0	•	0
DID NOT DRINK	57	55	55	•	63

LESS THAN HALF OF ONE PERCENT.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-45

QUANTITY CONSUMED ON A TYPICAL DRINKING DAY DURING PAST 30 DAYS--01-03'S IN OTHER LOCATIONS (PERCENTAGE OF POPULATION)\*\*

FYPE/ TOTAL ARMY NAVY MARINE CORPS  EQUENCY DOD ARMY NAVY MARINE CORPS  WKS 18 21 INKS 0 0 IOO IOO IOO IOO IOO - IOO IOO - IOO IOO - IOO - IOO IOO - IOO IOO - IOO - IOO IOO - IOO - IOO - IOO - IOO - IOO - IOO - IOO - IOO - IOO - IOO - IOO - IOO - IOO - IOO - IOO - IOO - IOO - IOO - IOO IOO			•	SER	SERVICE	
AL.   100   -   12   13   14   15   15   15   16   16   16   16   16	TYPE/ + REQUENCY	T0TAL D0D	ARMY	NAVY	MARINE	AIR FORCE
SS 21 100 100 100 100 100 100 100 100 100	BEER					
S	TOTAL	\$	,	ı		1
S. 21 S. 21 S. 21 S. 21 S. 21 S. 21 S. 21 S. 21 S. 21 S. 21 S. 22 S. 22 S. 23 S. 23 S. 23 S. 23 S. 23 S. 23 S. 24 S. 25	1 DRINK	5			*	
S. 21 KS. 0 KS. 0 KINK S. 0 15 15 15 15 15 15 16 16 17 16 19 18 18 18 18 18 18 18 18 18 18 18 18 18	2-3 DRINKS	8			*	
RINK S 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4-7 DRINKS	21			•	
RINK	8-11 DRINKS	0			٠	
RINK RINK S S S S S S S S S S S S S S S S S S S	12 OR MORE DRINKS	0			•	
S	DID NOT DRINK	49			•	
5	AINE					
S	TOTAL	\$	,	ı	•	•
S. 33 S. 0 S. 0 RINK S 0 100 -	1 DRINK	ā.			•	
S	2-3 DRINKS	33			•	
RINK 52 0 19 19 19 55 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4-7 DRINKS	0			•	
E DRINKS 0 52 100 100 100 100 100 100 100 100 100 10	8-11 DRINKS	0			•	
S 52 52 52 52 52 52 52 52 52 52 52 52 52	12 OR MORE DRINKS	0			•	
5 - 100 - 10	DID NOT DRINK	52			•	
INK 100 - 100 - 19	HARD LIQUOR					
DRINKS DRINKS DRINKS R MORE DRINKS	TOTAL	8	ı	,	•	1
DRINKS. DRINKS. PRINKS. R MORE DRINKS.	1 DRINK	19			•	
DRINKSR MORE DRINKS	2-3 DRINKS	33			•	
DRINKS	4-7 DRINKS	0			•	
DRINKS	8-11 DRINKS	g			*	
707.00	12 OR MORE DRINKS	0			•	
URITAL STATE OF THE STATE OF TH	DID NOT DRINK	42			٠	

. . .

LESS THAN 30 RESPONDENTS.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

QUANTITY CONSUMED ON A TYPICAL DRINKING DAY DURING PAST 30 DAYS04-06'S IN OTHER LOCATIONS (PERCENTAGE OF POPULATION)**	QUANTITY CONSUMED ON A TYPICAL DRINKING DAY RING PAST 30 DAYS04-06'S IN OTHER LOCATION (PERCENTAGE OF POPULATION)**	N A TYPICAL 34-06'S IN 3F POPULAT	DRINKING OTHER LOCA ION)**	DAV AT IONS	
	,		SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NA V V	MARINE	AIR
BEER					
T0TAL	8		•	•	1
5	36			•	
ကု ၊	37			•	
6-14 DRINKS	4 (				
12 OF MORE DRINKS	<b>&gt;</b> C			•	
DID NOT DRINK	24			٠	
WINE					
TOTAL	\$	,	1	•	,
$\sim$	9			•	1
	36			*	
4-7 DRINKS	8			•	
	0			•	
12 OR MORE DRINKS	0			•	
HARD I TOUGH	90			•	
TOTAL	8	,	ı	•	ŀ
1 DRINK	80			•	
2-3 DRINKS	31			•	
4-7 DRINKS	4			•	
8-11 DRINKS	0			*	
12 OR MORE DRINKS	٥			•	
DID NOT DRINK	47			*	

LESS THAN 30 RESPONDENTS. NOT APPLICABLE. PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

214 TABLE IV-47 HEAVY DRINKERS 1-ENLISTED PERSONNEL (PERCENTAGE OF POPULATION)

<del></del>		T		SERVICE	
PAY GRADE/ BEVERAGE/REGION	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE
E1-E5					
BEER CONUS EUROPE PACIFIC OTHER LOCATIONS	12 8 11 8	11 9 9	17 5 18 5	15 * 12 *	7 6 5 4
HARD LIQUOR CONUS EUROPE PACIFIC OTHER LOCATIONS	8 6 9 7	8 7 6 7	11 5 10 9	10 * 14 *	5 5 5 1
E6-E9					
BEER CONUS EUROPE PACIFIC OTHER LOCATIONS	4 6 3 2	6 7 4 1	6 4 3 3	2 * 4 *	2 2 3 1
HARD LIQUOR CONUS EUROPE PACIFIC OTHER LOCATIONS	3 5 3 +	3 6 5 0	4 4 3 0	3 + 4 +	1 2 2 0

 $<sup>^{\</sup>rm 1}{\rm DEFINED}$  AS A PERSON WHO CONSUMED EIGHT OR MORE DRINKS ON A TYPICAL DRINKING DAY DURING THE PAST 30 DAYS.

<sup>\*</sup> NOT APPLICABLE. + LESS THAN ONE-HALF OF ONE PERCENT.

highest rates of heavy drinking generally appear in the CONUS and Pacific regions followed by Europe and Other Locations, although there are a few slight exceptions to these patterns.

The regional patterns are also varied for senior enlisted personnel. A notable pattern is that the highest rates of heavy drinking appear in Europe followed by CONUS or the Pacific and Other Locations.

Frequency of Heavy Drinking During Past 12 Months

The previous section addressed typical drinking during the past 30 days and focused particularly on heavy drinking. Now the focus is on the frequency that a person engages in heavy drinking during the past 12 months. This is a preliminary step toward analyzing the physical, social, and

## Total - Worldwide

work consequences of heavy drinking.

Twenty-one percent of all respondents reported they had engaged in heavy drinking of beer at least once a week and 11 percent reported doing this at least three days a week during the past 12 months (Table IV-48). For wine, the comparable figures were: at least once a week, about 5 percent; at least three days a week, about 2 percent. The hard liquor figures were: at least one day a week, 11 percent; at least three days a week, 5 percent.

TABLE IV-48

FREQUENCY OF DRINKING EIGHT OR MORE CANS, GLASSES OR ORINKS IN A SINGLE DAY DURING PAST 12 MONTHS--TOTAL DOD (PERCENTAGE OF POPULATION)...

			SER	SERVICE	
TYPE/ FREQUENCY	707 A L 000	ARMV	7AA√	MARINE	, IR FORCE
65.0					
BEEK		Ş	٤	٤	۶
	3.	₹.	3.	3 '	3 -
Y DAY	-	_		7	• (
⋖	က	4	4	4	7
	7	^	6	0	4
-2	9	9	=		7
	14	13	17		=
LESS THAN MONTHLY	50	19	21	23	21
NEVER	45	45	37	32	52
KINE					
TOTAL	8	\$	8	\$	<u>\$</u>
EVERY DAY	+	•	+	-	•
5-6 DAYS A WEEK	-	-	-	-	•
3-4 DAYS A WEEK	-	7	-	7	-
1-2 DAYS A WEEK	e	4	e	m	7
DAYS	9	7	7	9	ស
LESS THAN MONTHLY	18	17	21	<b>6</b>	18
NEVER	70	69	67	70	74
HARD LIQUOR					
TOTAL	8	5	\$	8	<u>\$</u>
EVERY DAY	-	-	-	-	•
DAYS A W	-	-	-	-	-
4	6	6	4	S	٨
DAYS A	9	7	60	·9	4
DAYS A	:	ç	13	5	6
	23	21	56	25	21
NEVER	56	57	48	20	63

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

NGTE: FIGURES INCLUDE W1-W4'S.

## Annual Patterns by Pay Grade Group

The worldwide patterns of heavy drinking during the past 12 months by pay grade group are depicted in Tables IV-49 through IV-53. Heavy drinking was rarely reported by officers and warrant officers. Twenty-eight percent of E1-E5's and about 10 percent of E6-E9's reported heavy drinking of beer at least weekly; the comparable figures for wine were 8 percent and approximately 1 percent for each group. Fourteen percent of the E1-E5's and about 5 percent of E6-E9's reported heavy drinking of hard liquor at least weekly. Regional Patterns

Heavy drinking patterns among pay grade groups by region are displayed in Tables IV-54 through IV-69. Regional differences among E1-E5's for all Services combined are not large for any of the three beverage categories. The regional patterns are very similar to those identified previously in the discussion of the population drinking eight or more drinks on a typical drinking day during the past 30 days. Slightly higher rates of heavy drinking of beer and hard liquor occurred among junior enlisted personnel in CONUS and the lacific regions followed by Europe and Other Locations. However, heavy drinking of wine was most prevalent in Europe, reflecting its greater popularity there. The number of respondents is too small in Other Locations to warrant interregional comparisons.

Regional differences among senior enlisted personnel are slight for the total population in each of the three

TABLE IV-49

FREQUENCY OF CONSUMING EIGHT OR MORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--E1-E5'S IN TOTAL WORLDWIDE (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR
BEER	001	100	8	100	5
EVERY DAY	, cv =	(4 II	u	ന	<del>-</del> c
DAYS A	, ō	, <u>ō</u>	. 5	. <u>c</u>	, ¢
	12	13	4	ē,	o o
1-3 DAYS A MONTH	16	16	6	61	14
LESS THAN MONTHLY	25	34	70 73 73	96	4 22
KINE	3			·	?
TOTA!	\$	\$	8	8	<b>\$</b>
Σ.	-	-	+	_	+
DAYS A	-	-	-	-	+
DAYS A	7	င	7	8	<del>-</del>
DAYS A	4 (	9 (	4 (	41	0.0
LESS THAN MONTHLY	8 T	D 0	24.5	70	2 6
NEVER	64	62	61	65	68
HARD LIQUOR	٤	Ş	Ş	Ş	Ş
EVERY DAY	3-	3~	3-	3-	3 +
5-6 DAYS A WEEK	_	7	8	8	-
DAYS A	4	4	ß	ß	၈
DAYS A	80	6	٥	80	S
1-3 DAYS A MONTH	13	12	16	15	-
LESS THAN MONTHLY	24	22	27	56	24
NEVER	48	49	04	64	26
	i	i			

+ LESS THAN HALF OF ONE PERCENT. \*\* PERCENTS MAY NOT ADD TO 100 DUE TD ROUNDING.

TABLE IV-50

FREQUENCY OF CONSUMING EIGHT OR MORE
CANS, GLASSES OR DRINKS IN A SINGLE DAY
DURING PAST 12 MONTHS--E6-E9'S IN TOTAL WORLDWIDE
(PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	T07AL D0D	ARMY	NAVY	MARINE	AIR FORCE
25.50					
TOTAL	9	8	90	\$	8
EVERY DAY	<b>+</b>	-	+	+	•
DAYS A	-	7	7	7	-
DAYS	ო	4	က	e	~
1-2 DAYS A WEEK	g	9	80	n	S
	12	=	91	ō	œ
LESS THAN MONTHLY	23	£	27	37	20
NEVER	52	58	45	44	63
NINE					
TOTAL	8	\$	\$	\$	\$
~	+	*	0	0	+
	+	+	+	+	0
4	+	-	-	0	+
4	-	-	-	~	-
1-3 DAYS A MONTH.	ო	4	4	~	7
LESS THAN MONTHLY	13	=	11	5	Ξ
NEVER.	82	83	78	84	98
HARD LIQUOR					
TOTAL	8	\$	\$	8	8
RY DAY	+	-	+	0	•
⋖	+	-	+	-	+
3-4 DAYS A WEEK	7	7	-	က	-
	ღ	4	C	7	7
1-3 DAYS A MONTH	œ	6	-	4	9
LESS THAN MONTHLY	21	19	25	56	19
NEVER	65	65	29	64.	72

+ LESS THAN HALF OF ONE PERCENT. \*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-51

FREQUENCY OF "CONSUMING EIGHT OR MORE
CANS, GLASSES OR DRINKS IN A SINGLE DAY
DURING PAST 12 MONTHS--W1-W4'S IN TOTAL WORLDWIDE
(PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/	TOTAL				
FREQUENCY	000	ARMY	NAVY	MARINE	A 1 R FORCE
BEER					
TAL.	8	8	8	1	•
ZY DAY	0	0	0		•
DAYS A	+	0	0		•
DAYS A	0	0	0		•
DAYS A	+	0	0		•
◂	4	. 5	7		•
LESS THAN MONTHLY	6	17	23		•
NEVER	92	81	0,		•
WINE					
•	8	9	8	•	•
Y DAY.	0	0	0		•
DAYS A	0	0	0		•
DAYS A	0	0	0		•
DAYS A	0	0	0		•
•	-	0	-	_	•
LESS THAN MONTHLY	œ	7	4		•
NEVEK.		93	82		•
TOTA!	ξ	٤	٤	ı	•
EVERY DAY.	0	0	} 0		•
5-6 DAYS A WEEK	+	0	-		•
DAYS A	0	0	0		•
DAYS A	-	-	+		•
⋖	ī,	J.	ψ		•
LESS THAN MONTHLY.	11	5	23		•
NEVER	77	80	69		•

NOT APPLICABLY.
LESS THAN 30 RESPONDENTS.
LESS THAN HALF OF ONE PERCENT.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-52

FREQUENCY OF CONSUMING EIGHT OR MORE
CANS, GLASSES OR DRINKS IN A SINGLE DAY
OURING PAST 12 MONTHS--01-03'S IN TOTAL WORLDWIDE
(PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
BEER					
TOTAL	8	8	8	8	8
EVERY DAY	+	+	0	0	0
5-6 DAYS A WEEK	+	-	•	0	0
3-4 DAYS A WEEK	-	+	-	7	+
	7	-	ო	+	8
1-3 DAYS A MONTH	9	4	o	=	ഗ
LESS THAN MONTHLY	19	=	28	38	17
NEVER	73	82	58	49	7.7
WINE	-				
TOTAL	8	8	8	8	<u>\$</u>
EVERY DAY	*	+	0	0	0
DAYS A W	0	0	0	0	0
3-4 DAYS A WEEK	+	0	0	0	+
1-2 DAYS A WEEK	+	0	+	0	+
1-3 DAYS A MONTH	7	2	4	6	-
LESS THAN MONTHLY	16	15	17	12	17
NEVER	82	83	80	20	82
HARD LIQUOR					
	8	8	8	8	8
Y DAY	+	0	0	0	+
4	0	0	0	0	0
DAYS A	-	7	+	-	+
	-	-	-	0	+
1-3 DAYS A MONTH	ဇ	-	'n	4	e
LESS THAN MONTHLY	17	13	25	20	15
NEVER	79	83	69	92	82

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-53

FREQUENCY OF CONSUMING EIGHT OR MORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--04-06'S IN TOTAL WORLDWIDE (PERCENTAGE OF POPULATION)\*\*

MARINE CORPS  K	TYPE/	TOTAL		SER	SERVICE	
TAL 100 100 100 100 100 100 100 100 100	FREQUENCY	000	ARMY	NAVY	MARINE	AIR FORCE
TAL.  DAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.  DAYS A WONTH.  SS THAN MONTHLY  DAYS A WEEK.  TAL.  TAL.  DAYS A WEEK.  TAL.	α					
ERY DAY.  4 DAYS A WEEK.  4 DAYS A WEEK.  5 DAYS A WEEK.  1	:	\$	8	8	8	8
6 DAYS A WEEK       +       0       0         4 DAYS A WEEK       +       0       0         4 DAYS A WEEK       +       0       0         3 DAYS A WEEK       +       14       11       19         5S THAN MONTHLY       44       11       19       10         7AL       100       100       100       100       100         FRY DAY       WEEK       +       0	ZY DAY	+	0	0	-	0
4 DAYS A WEEK. + 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A	+	0	0	0	+
2 DAYS A WEEK. 1 2 0 3 3 DAYS A MONTH. 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DAYS A	+	0	0	0	+
SS THAN MONTH.  3 DAYS A MONTH.  5 STHAN MONTHLY  6 S TAL.  6 DAYS A WEEK.  6 DAYS A WEEK.  7	DAYS A	-	7	0	ო	-
SS THAN MONTHLY 14 14 11 19  VER	DAYS A	6	-	ო	'n	e
### ### ### ### ### ### ### ### ### ##		4	14	=	19	14
TAL.  ERY DAY.  6 DAYS A WEEK.  4 DAYS A WEEK.  5 DAYS A MONTH.  6 DAYS A MONTH.  6 DAYS A MONTH.  7 12 13 14 10 10 10 10 10 10 10 10 10 10 10 10 10	EVER	82	82	98	72	18
AL. 100 100 100 100 100 100 100 100 100 10	LUI .					
RY DAY       +       0       0       1         DAYS A WEEK       +       0       0       0         DAYS A WEEK       +       0       0       0         DAYS A WEEK       +       0       +       0         DAYS A MEEK       0       10       10         LIQUOR       100       100       100         RY DAY       0       0       0         DAYS A WEEK       +       +       0         CALL       18       19       20         CALL       18       19       20         CALL       18       19       20         CALL       18       19       77         CALL       15       79       77       81	:	8	8	\$	\$	8
DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N DAY	+	0	0	-	0
DAYS A WEEK. + 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A	0	0	0	0	0
DAYS A WEEK. + 0 + 0 0 DAYS A MONTH. 2 1 1 1 4 10 DAYS A MONTHLY 12 13 14 10 ER 86 86 85 85 85 LIQUOR 100 100 100 100 DAYS A WEEK. + 0 0 0 0 0 0 DAYS A WEEK. + + + 0 0 0 0 0 DAYS A WEEK. + + + 0 0 0 0 0 DAYS A WONTH. 2 2 3 1 1 S THAN MONTHLY 18 19 20 15	DAYS A	+	0	0	0	+
DAYS A MONTHLY 2 1 1 1 4 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1	DAYS A	+	0	+	0	+
S. THAN MONTHLY     12     13     14     10       LIQUOR     100     100     100     100       AL.     100     100     100     100       RY DAY     0     0     0     0     0       DAYS A WEEK     +     +     +     0     0       DAYS A WEEK     +     +     +     0     0       DAYS A WEEK     +     +     +     0     0       DAYS A WONTHLY     18     19     20     15       FR     79     79     77     81	DAYS A	7	-	-	4	7
ER.         86         86         85           LIQUOR         100         100         100           AL         100         100         100         100           BAYS A WEEK.         0         0         0         0         0         0           DAYS A WEEK.         +         +         0	THAN	5	13	4	ç	-
LIQUOR  LIQUOR  RY DAV.  RY DAYS  DAYS A WEEK.  DAYS A WEEK.  CONDANS A WE	VER	98	86	85	85	187
14. DAYS A WEEK	LIQUOR					
DAYS A WEEK	:	8	8	8	8	8
DAYS A WEEK	Y DAY	0	0	0	0	0
DAYS A WEEK + 0 0 0 2  DAYS A WEEK + + + 0 0 0  DAYS A WONTH 2 2 3 1  THAN MONTHLY 18 19 20 15  R 79 79 79 77 81	DAYS A	0	0	0	0	0
A WEEK + + + 0 0 0 0 A MONTH 2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DAYS A	•	0	0	~	-
MONTHLY 2 2 3 1 1 MONTHLY 18 19 20 15 15 15 17 81	DAYS A	+	+	0	0	-
MONTHLY 18 19 20 15	4	7	7	m	-	7
79 77 81		80	19	50	15	18
	VER	79	79	7.7	18	79

+ LESS THAN HALF UF ONE PERCENT.

\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

(e)

TABLE IV-54

FREQUENCY OF DRINKING EIGHT OR MORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--E1-E5'S IN CONUS (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
BEER					
TOTAL	8	8	\$	8	8
Y DAY	8	8	8	၈	-
5-6 DAYS A WEEK	4	4	9	ß	ņ
3-4 DAYS A WEEK	ç	5	±	4-	9
1-2 DAYS A WEEK	12	13	4	4	6
1-3 DAYS A MONTH.	17	9	61	19	13
ഗ	21	21	91	50	21
NEVER	34	34	27	25	47
				,	
TOTAL	8	8	8	8	8
EVERY DAY	-	-	+	-	+
NS A	-	-	-	-	•
3-4 DAYS A WEEK	7	7	8	8	-
DAYS A	4	ın	4	ı,	8
1-3 DAYS A MONTH	7	7	60	y	9
LESS THAN MONTHLY	21	19	24	8	21
NEVER	65	65	61	. 69	70
HARD LIGOOR					
TOTAL	8	<u>§</u>	\$	8	8
	-	8	-	-	+
	7	7	7	8	-
3-4 DAYS A WEEK	4	6	'n	'n	6
DAYS	<b>o</b>	6	÷	80	ın
1-3 DAYS A MONTH	13	12	16	4-	Ξ
LESS THAN MONTHLY	24	22	27	. 56	22
NEVER	48	51	39	44	57
					:

+ LESS THAN HALF OF ONE PERCENT. \*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-55

FREQUENCY OF DRINKING EIGHT OR MORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--EG-E9'S IN CONUS (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL DOD	ARMY	NAVY	MARINE	AIR FORCE
9 10 10 10 10 10 10 10 10 10 10 10 10 10					
LAI	ξ	٤	Ş	٤	ξ
EVERY DAY	} -	3 -	3 +	30	3 +
DAYS A WEEK	~ ~	. რ	7	· e	-
4	က	4	0	7	8
_	9	9	60	င	ស
1-3 DAYS A MONTH.	Ξ	o o	9	9	7
LESS THAN MONTHLY	23	8	27	39	50
NEVER	55	09	45	43	64
3NIA					
TOTAL	8	8	8	8	\$
	+	+	0	0	+
⋖	+	0	+	+	0
3-4 DAYS A WEEK	+	+	-	0	+
-2 DAYS A	_	-	-	-	-
1-3 DAYS A MONTH.	က	4	4	7	-
LESS THAN MONTHLY	12	9	91	4	ത
NEVER.	84	82	19	82	89
HARD LIQUOR					
TOTAL	\$	<u>\$</u>	8	Š	8
Y DAY	+	+	•	0	+
⋖	+	+	+	-	+
DAYS A	7	7	-	6	8
	က	4	ო	7	~
1-3 DAYS A MONTH	6	Q.	:	4	y
LESS THAN MONTHLY	21	8	25	27	<del>1</del> 8
NEVER	65	99	58	63	72

+ LESS THAN HALF OF ONE PERCENT.
-- PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-56

FREQUENCY OF DRINKING EIGHT OR WORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--01-03'S IN CONUS (PERCENTAGE OF POPULATION).\*

FREQUENCY   TOTAL   ARMY   NAVY   NARINE   AIR			SER	SERVICE		
TAL  B DAYS A WEEK  B DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WONTHLY  D DAYS A WEEK  D D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WONTHLY  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D DAYS A WEEK  D D D D D D D D D D D D D D D D D D D	TYPE/ FREQUENCY	TOTAL DOD	ARMY	NAVY	MARINE	AIR FORCE
TAL.  ERY DAY.  ERY DAY.  ERY DAY.  ERY DAYS A WEEK.  1	BEER					
ERY DAY.  B DAYS A WEEK.  4 DAYS A WEEK.  5 DAYS A WEEK.  1 1 2 2 4 4 5 5 6 9 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTAL	8	8	8	8	\$
## DAYS A WEEK. + 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAY.	0	0	0	0	0
## DAYS A WEEK. 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3	-6 DAYS. A	+	•	0	0	0
2 DAYS A WEEK. 1 1 2 2 + 1 2 2 4 5 2 4 5 2 4 5 2 4 5 2 4 5 2 5 2 4 5 2 5 2	DAYS A	-	0	7	7	0
SS THAN MONTH.  6 SS THAN MONTH.  19 9 29 37  84 58 50  100 100 100 100  100 100 100  100 100	DAYS A	-	-	7	+	-
SS THAN MONTHLY 19 9 29 37 73 84 58 50 74 73 84 58 50 74 74 74 74 74 74 74 74 74 74 74 74 74	_	9	ß	Ø	ç	4
VER.     73     84     58     50       TAL.     100     100     100     100       ERY DAYS A WEEK.     0     0     0     0       6 DAYS A WEEK.     0     0     0     0       2 DAYS A WEEK.     0     0     0     0       2 DAYS A WEEK.     15     13     17     9       4 DAYS A WEEK.     100     100     100     100       4 DAYS A WEEK.     1     2     0     0       5 DAYS A WEEK.     1     2     0     0       4 DAYS A WEEK.     1     2     0     0       4 DAYS A WEEK.     1     1     0     0       4 DAYS A WEEK.     1     1     0     0       4 DAYS A WEEK.     1     1     1     0       5 DAYS A WEEK.     1     1     4     5       6 DAYS A WONTHLY     17     12     2     1       7 DAYS A WONTHLY     17     12     2     1       7 SS THAN WONTHLY     17     12     2     1       7 SS THAN WONTHLY     17     12     2     1       7 SS THAN WONTHLY     17     12     1     1	_	19	m	29	37	17
FRY DAY  ERY DAY  6 DAYS A WEEK  7 DAYS A WEEK  9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NEVER	73	84	58	20	7.7
AL.  AL.  AL.  AL.  AL.  AL.  AL.  AL.	KINE					
RY DAY         0 <th>•</th> <th>8</th> <th>8</th> <th>8</th> <th>\$</th> <th>8</th>	•	8	8	8	\$	8
DAYS A WEEK.         0 <t< th=""><th>EVERY DAY</th><th>0</th><th>0</th><th>0</th><th>0</th><th>0</th></t<>	EVERY DAY	0	0	0	0	0
DAYS A WEEK.         0 <t< th=""><th>DAYS A</th><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></t<>	DAYS A	0	0	0	0	0
DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A	0	0	0	0	0
DAYS A MONTH.   2   1   3   3   3   3   3   3   3   3   3	DAYS A WEEK	0	0	0	0	0
S. THAN MONTHLY 15 13 17 9 17 10 11 11 11 11 11 11 11 11 11 11 11 11	⋖	7	<b>-</b> -	က	6	-
ER.   83 86 81 87   1	_	15	£	17	6	16
LIQUOR  AL.  RY DAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.  1 2 0 0  DAYS A WEEK.  1 2 0 0  1 0 0  1 1 0  DAYS A MONTHLY.  17 12 27 18  FR  19 85 68 76		ဗ	86	8 1	87	83
AL. 100 100 100 100 100 100 100 100 100 10			,			
MY DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTAL	8	8	8	8	8
DAYS A WEEK	RY DAY	+	0	0	0	+
DAYS A WEEK	DAYS A	0	0	0	0	0
AYS A WEEK + + + 1 0 0 AYS A MONTH 2 1 4 5 5 THAN MONTHLY 17 12 27 18 1	DAYS A	-	7	0	-	0
AYS A MONTH 2 1 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DAYS A	+	+	-	0	+
THAN MONTHLY 17 12 27 18 1	•	7	-	4	ນ	8
80 85 68 76	HAN	17	12	27	8	14
	NEVER	08	85	68	16	83

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF DRINKING EIGHT OR MORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--04-06'S IN CONUS (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	A1R FORCE
BEER					:
TOTAL	<u>8</u> -	8.0	§ °	8.	8.
5-6 DAYS A WEEK	۰ ۵	o c	o c	- c	o C
DAYS A	+	0	0	0	+
⋖	-	2	0	ო	-
1-3 DAYS A MONTH	က	•	n.	S.	4
LESS THAN MONTHLY	13	14	ത	8	t3
NEVER	83	83	87	73	82
WINE					
•	8	8	8	8	\$
	+	0	0	_	0
⋖	0	0	0	0	0
_	0	0	0	0	0
	+	0	0	0	•
	N	-	+	4	8
LESS THAN MONTHLY	ō	9	13	ō	6
NEVER.	88	68	98	85	88
TOTAL	5	Ş	5	٤	9
EVERY DAY	3	2	3 0	3 0	<u> </u>
AYS A WE	0	0	• •	0	0
	+	0	0	6	+
1-2 DAYS A WEEK	+	0	0	0	•
1-3 DAYS A MONTH	2	7	4	0	~
LESS THAN MONTHLY	20	50	23	15	<b>6</b>
NEVER	7.7	78	73	82	7.8

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-58

FREQUENCY OF DRINKING EIGHT OR MORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--E1-E5'S IN EUROPE (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NAV.	MARINE	A1R FORCE
BEER					
TOTAL	\$	8	8	٠	\$
EVERY DAY	8	7	+	•	*
_	4	9	6	•	7
_	∞	ç	9	*	S.
1-2 DAYS A WEEK	-	13	<b>6</b> 0	•	7
Ξ.	16	16	13	•	<b>†</b> 5
LESS THAN MONTHLY	50	19	17	•	25
NEVER	38	34	52	•	45
WINE					
TOTAL	\$	8	\$	•	8
RY DAY	-	-	0	*	•
	-	-	+	٠	•
_	၉	4	6	•	7
⋖	S	9	က	•	က
1-3 DAYS A MONTH	=	12	9	•	6
LESS THAN MONTHLY	21	50	56	•	24
NEVER	57	56	57	•	09
HARD LIQUOR					
TOTAL	8	\$	\$	•	8
Y DAY	-	-	+	•	•
	-	~	+	•	-
DAYS A	4	9	8	•	5
DAYS A	7	60	ഹ	•	4
1-3 DAYS A MONTH	4	14	12	•	£1
LESS THAN MONTHLY	24	23	24	•	27
NEVER	49	46	99	•	53

LESS THAN HALF OF ONE PERCENT.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF DRINKING EIGHT OR MORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--E6-E9'S IN EUROPE (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	VAN	MARINE	AIR FORCE
BEER					
TOTAL	8	\$	ð	•	8
EVERY DAY	+	-	0	•	0
AYS A W	+	0	0	•	-
3-4 DAYS A WEEK	က	ღ	4	•	-
⋖	7	60	4	٠	9
DAYS A	44	Ť.	11	•	Ξ
	19	8	31	٠	50
NEVER	56	26	44	•	19
WINE					
TOTAL	8	\$	8	•	8
EVERY DAY	+	+	0	•	0
DAYS A	+	+	0	•	0
3-4 DAYS A WEEK	-	-	-	•	0
	+	-	-	•	0
1-3 DAYS A MONTH	9	9	6	•	S
LESS THAN MONTHLY	ī.	14	50	•	15
NEVER	7.8	78	70	•	80
HARD LIQUOR					
TOTAL	8	8	<u>§</u>	•	<u>\$</u>
RY DAY	-	-	0	•	0
5-6 DAYS A WEEK	+	-	0	•	0
3-4 DAYS A WEEK	7	8	0	•	0
1-2 DAYS A WEEK	4	ឆ	4	•	7
1-3 DAYS A MONTH	7	7	7	•	9
LESS THAN MONTHLY	50	20	24	•	<del>.</del>
NEVER	67	64	65	•	75

LESS THAN HALF OF ONE PERCENT.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF DRINKING EIGHT OR MORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--01-03'S IN EUROPE (PERCENTAGE OF POPULATION)\*\*

TYPE/ FREQUENCY  DDY  AYS A WEEK.  AYS A WONTHLY  AYS A MONTHLY  AYS A WEEK.  AYS A MONTHLY  AN				SER	SERVICE	
AL DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE/ FREQUENCY	T0TAL 000	ARMY	NA V	MARINE	AIR FORCE
RY DAY WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	BEER	٤	ξ	٤	•	٤
DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAY	3°	<u>3</u> °	<u>3</u> °	•	<u>3</u> °
DAYS A WEEK. 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 2 1 2 3 3 2 3 3 2 3 3 2 3 3 2 3 3 2 3 3 2 3 3 2 3 3 2 3 3 2 3 3 2 3 3 2 3 3 2 3 3 3 2 3 3 3 2 3	DAYS A	0	0	0	•	0
DAYS A WEEK.  3 3 6  DAYS A MONTHLY  19 15 28  5 THAN MONTHLY  19 15 28  61  61  61  61  61  61  61  61  61  6	DAYS A	-	7	-	•	0
AL MONTHLY 19 15 28 15 28 16 16 16 16 16 16 16 16 16 16 16 16 16	DAYS A	ლ (	e (	9 (	•	- •
AL.  AL.  DAYS A WEEK.  CO.  CO.  CO.  CO.  CO.  CO.  CO.  C	•	m ç	N 4	۳ <b>و</b>		4 (
AL.  RY DAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.  DAYS A WONTH.  S THAN MONTHLY  S THAN MONTHLY  AL.  LIQUOR  RY DAYS  A WEEK.  DAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.  S THAN MONTHLY  12 13 16		- L	6 6	70	•	2.5
AL.  RY DAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.  DAYS A WONTH.  S THAN MONTHLY  LIQUOR  RY DAYS  A WEEK.  100  100  100  100  100  100  100  1		)	?			
RY DAY         0         0         0           DAYS A WEEK         0         0         0           DAYS A WEEK         0         0         0           DAYS A WEEK         0         0         0           DAYS A WONTH         24         25         14           S THAN MONTHLY         72         74         73           LIQUOR         100         100         100           RY DAY         WEEK         0         0         0           DAYS A WEEK         2         3         1           DAYS A WEEK         2         3         1           DAYS A WEEK         1         2         2           S THAN MONTHLY         12         13         16           S THAN MONTHLY         12         13         16	TAL.	8	8	8	•	8
DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAY	0	0	0	•	0
DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A	0	0	0	•	0
DAYS A WEEK 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAYS A	0	0	0	•	0
DAYS A MUNIH. 4 5 11 5 11 5 1 1 1 1 1 1 1 1 1 1 1 1 1	DAYS A	0	0 1	<b>o</b> ;	•	ο.
ER. 100 100 100 100 100 100 100 100 100 10	⋖	4 5	e i		• •	- 90
LIQUOR  AL.  RY DAYS  BAYS A WEEK.  DAYS A WEEK.  DAYS A WEEK.  2 3 1  2 2  DAYS A MONTH.  2 2 3  1 6  5 THAN MONTHLY  12 13 16		72	7.5	73	•	. <b>4</b> 7
AL	HARD LIQUOR	1				•
DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	At	\$	\$	ş	•	\$
DAYS A WEEK. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EVERY DAY	0	0	٥	•	0
DAYS A WEEK. 2 3 1 6 6 7 1 1 1 2 2 2 2 9 1 1 2 2 2 9 1 1 1 2 1 2	DAYS A	0	0	0	•	0
A WEEK 1 2 2 2 • • A MONTH 2 2 3 • • 12 13 16 • • 12 13 16 • 14 15 15 15 15 15 15 15 15 15 15 15 15 15	DAYS A	8	6	-	•	0
MONTHLY 12 13 16	DAYS A	-	8	8	•	0
MONTHLY 12 13 16	•	8	8	ო	•	က
4 - 60		12	13	16	•	=
20 20	NEVER	82	8	78	•	98

\* NOT APPLICABLE.

\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

FREQUENCY OF DRINKING EIGHT OR MORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--04-06'S IN EUROPE (PERCENTAGE OF POPULATION)\*\* TABLE IV-61

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	VAN	MARINE	AIR FORCE
233					
TOTAL	\$	•	8	•	8
EVERY DAY	0		0	•	0
2	0		0	•	0
3-4 DAYS A WEEK	0		0	•	0
DAYS A	-		0	•	~
-	-		0	•	e
LESS THAN MONTHLY	17		13	•	61
NEVER	18		87	•	7.7
VINE					
TOTAL	8	ı	\$	•	8
AY DAY	0		0	•	0
DAYS A	0		0	*	0
DAYS A	0		0	•	0
DAYS A	-		က	•	-
	7		e	•	0
LESS THAN MONTHLY	56		2	•	25
NEVER	70		48	•	74
HARD LIQUOR					
TOTAL	8	1	8	•	<u>\$</u>
EVERY DAY	0		0	•	0
5-6 DAYS A WEEK	0		0	•	0
⋖	0		0	•	0
DAYS A	0		0	•	0
	-		0	•	0
LESS THAN MONTHLY	4		7	•	7
NEVER	98		89		88

- LESS THAN 30 RESPONDENTS.

NOT APPLICABLE.

\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-62

FREQUENCY OF DRINKING EIGHT OR MORE CANS, GLASSES OR DRINKS II.A SINGLE DAY DURING PAST 12 MONTHS--E1-E5'S IN PACÍFIC (PERCENTAGE OF POPULATION)\*\*

. (PE	(PERCENTAGE (	OF POPULATION)**	••(NO)		
			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL DOD	ARMY	NAVY	MARINE	AIR
BEER					
EVERY DAY	<u>-</u>	3-	2 <del>-</del>	3 6	3 -
	6	· m	4	7	-
	6	œ	13	=	y
	13	13	14	16	თ
	17	5	16	50	15
LESS THAN MONTHLY.	21	20	2.1	18	23
NEVER	36	39	31	ဇ္	44
KINE					
TOTAL	8	8	8	8	8
Y DAY	+	+	-	-	0
DAYS	-	-	-	-	+
3-4 DAYS A WEEK	~	က	7	-	-
DAYS A	4	S	4	က	4
1-3 DAYS A MONTH	Ø	ç	=	<b>&amp;</b>	9
LESS THAN MONTHLY	21	6	24	22	21
NEVER	64	62	59	65	68
HARD LIQUOR					
TOTAL	8	<b>\$</b>	\$	8	<del>5</del>
Y DAY	-	-	-	7	•
VS A	-	7	-	•	-
3-4 DAYS A WEEK	4	6	'n	9	Ф
1-2 DAYS A WEEK.	<b>c</b> o	6	6	6	9
⋖	15	14	17	61	=
LESS THAN MONTHLY	24	19	25	23	27
NEVER	47	53	43	-4	51

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-63

FREQUENCY OF DRINKING EIGHT OR MORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--E6-E9'S IN PACIFIC (PERCENTAGE OF POPULATION)\*\*

			SCR	SSRVICE	
TYPE/ FREQUENCY	TOTAL DOD	ARMY	NAVY	MARINE	AIR FORCE
BEER					
TOTAL	<del>2</del>	\$	\$	8	<b>5</b>
SY DAY.	+ •	+ (	o ·	- (	٥٠
3-6 DATS A WEEK	- ư	N 4	+ 4	ي د	- 4
_	) LO	4		· e	. 4
_	13	4-	9	o	Ξ
LESS THAN MONTHLY	25	21	29	32	19
NEVER	51	23	44	49	61
WINE					
TOTAL	8	8	\$	8	8
۵ ک	0	0	0	0	0
	+	-	-	0	0
	+	-	-	0	-
_	7	-	8	C	-
1-3 DAYS A MONTH	က	'n	က	7	7
LESS THAN MONTHLY	44	80	19	7	17
NEVER	81	85	74	87	80
HARD LIQUOR					
	\$	\$	8	8	\$
RY DAY	+	+	0	0	+
5-6 DAYS A WEEK	-	-	+	7	0
3-4 DAYS A WEEK	7	7	7	-	-
DAYS	6	ო	6	4	က
1-3 DAYS A MONTH.	æ	12	7	מו	7
LESS THAN MONTHLY	23	22	76	20	22
NEVER	63	61	62	67	99

+ LESS THAN HALF OF ONE PERCENT.

FREQUENCY OF DRINKING EIGHT OR MORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--01-03'S IN PACIFIC (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NAV	MARINE	AIR
0110					
TOTAL	8	8	8	١	8
EVERY DAY	+	-	0		0
5-6 DAYS A WEEK	+	0	-		0
3-4 DAYS A WEEK	0	0	0		0
	7	+	e		ស
1-3 DAYS A MONTH	ç	9	12		ō
LESS THAN MONTHLY	26	24	22		50
NEVER.	61	68	62		65
WZI3			_		
TOTAL	8	8	8	,	\$
EVERY DAY	+	-	0		0
5-6 DAYS A WEEK	٥	٥	0		0
DAYS A	0	0	0		0
DAYS A	8	0	-		7
1-3 DAYS A MONTH	က	-	9		7
LESS THAN MONTHLY	16	=	18		<del>-</del>
NEVER	79	98	75		16
HARD LIQUOR					
TOTAL	\$	8	\$	,	<u>\$</u>
EVERY DAY	0	0	၁		0
DAYS A	0	0	0		0
3-4 DAYS A WEEK	-	0	-		7
	7	0	3		9
_	9	ഹ	7		o
LESS THAN MONTHLY	21	21	=		28
NEVER	0,	74	78		26

LESS THAN HALF OF ONE PERCENT. LESS THAN 30 RESPONDENTS. PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-65

FREQUENCY OF DRINKING EIGHT OR MORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--04-06'S IN PACIFIC (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE		
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR FORCE	
RFFR						
TOTAL	6	8	,	i	8	
RY DAY	0	0			0	_
3-4 DAYS A WEEK	+ c	00			N (	
DAYS	0	4			9 4	_
•	ю.	60			0	
LESS THAN MONTHLY	17	<b>6</b>			20	
NEVER	78	79			74	
TOTAL	00	9	,	,	\$	
RY DAY.	0	0			0	
DAYS A	0	0			٥	
DAYS A	0	0 (			0	
1-2 DAYS A WEEK	+ C	0 0			70 0	_
S THAN E	13	۸ (			, a	
2	86	93			80	_
HARD LIQUOR	-	9			ç	_
740	30	3 °	,	,	3.0	_
۵	0	0			0	
DAYS A	+	0			7	_
-2 DAYS A	-	7			7	_
•	၉	7			7	_
LESS THAN MONTHLY	9	9			15	_
NEVER	89	82			78	_
						_

+ + #

LESS THAN HALF OF ONE PERCENT.
LESS THAN 30 RESPONDENTS.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-66

FREQUENCY OF DRINKING EIGHT OR MORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--E1-E5'S IN OTHER LOCATIONS (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
BEER					
	8	8	8	•	<u>\$</u>
	-	7	0	٠	+
DAYS A	ო	ស	-	•	-
	80	2	7	•	4
	13	16	=	•	o
DAYS	16	13	21	•	15
LESS THAN MONTHLY	22	20	27	•	19
NEVER	39	35	33	•	51
WINE					
TOTAL	8	8	8	•	901
EVERY DAY	+	*	0	•	•
5-6 DAYS A WEEK	0	0	0	•	0
3-4 DAYS A WEEK	7	e	5	•	0
	4	'n	4	•	-
1-3 DAYS A MONTH	9	9	9	•	9
LESS THAN MONTHLY	20	20	21	•	6+
NEVER	89	65	29	•	73
HARD LIQUOR					
TOTAL	8	\$	8	•	\$
EVERY DAY	•	*	0	•	+
	-	-	-	•	•
DAYS A	4	S.	9	•	-
DAYS A	9	<b>ac</b>	٧	•	က
•	12	12	15	•	6
LESS THAN MONTHLY	27	25	27	•	27
NEVER	49	8	44	•	58

LESS THAN HALF OF ONE PERCENT.
NOT APPLICABLE
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE 1V-67

FREQUENCY OF DRINKING EIGHT OR WORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--E6-E9'S IN OTHER LOCATIONS (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	A I R FORCE
BEER					
TOTAL	8	8	\$	*	8
EVERY DAY	0	0	0	٠	0
5-6 DAYS A WEEK	-	6	0	•	0
_	ო	ន	<b>6</b>	•	0
1-2 DAYS A WEEK	7	ī	ō	*	4
1-3 DAYS A MONTH	5	9	<del>1</del> 3	•	4
LESS THAN MONTHLY	25	23	28	•	24
NEVER	54	55	46	•	68
KINE					
T0TAL	8	\$	\$	•	<u>\$</u>
EVERY DAY	0	0	0	•	0
5-6 DAYS A WEEK	+	-	0	*	0
3-4 DAYS A WEEK	0	0	0	•	0
1-2 DAYS A WEEK	8	8	e	*	0
	7	ഹ	0	•	6
LESS THAN MONTHLY	13	6	19	•	თ
NEVER	82	83	78	•	88
HARD LIQUOR					
TOTAL	8	8	\$	*	8
EVERY DAY	0	0	0	•	0
5-6 DAYS A WEEK	0	0	0	•	0
	-	-	-	•	-
DAYS A	8	6	6	•	0
1-3 DAYS A MONTH.	9	=	12	•	9
	23	23	26	•	81
NEVER	63	61	28	•	75

+ \* :

LESS THAN HALF OF ONE PERCENT.
NOT APPLICABLE.
PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-68

FREQUENCY OF DRINKING EIGHT OR WORE
CANS, GLASSES OR DRINKS IN A SINGLE DAY
DURING PAST 12 MONTHS--01-03'S IN OTHER LOCATIONS
(PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/ FREQUENCY	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
BEER					
	ş	,	,	*	ı
Y DAY	0 0				
3-4 DAYS A WEEK	<b>&gt;</b> -			• •	
DAYS A				•	
DAYS A	4			*	
	91			•	
NEVER	72			*	
*INE					
TOTAL	\$	1	•	•	,
<u>-</u>	0			•	
5-6 DAYS A WEEK	0			•	
	-			•	
DAYS A	0			•	
1-3 DAYS A MONTH	က			•	
LESS THAN MONTHLY	12			•	
NEVER	88			•	
TOTAL	٤		ı	•	
EVERY DAY	3 °		l	•	1
5-6 DAYS A WEEK	0			•	
DAYS	· <del>-</del>			•	
DAYS A	. (7)			•	
DAYS A	60			•	
LESS THAN MONTHLY	9			*	
NEVER	7.1			•	

LESS THAN 30 RESPONDENTS. NOT APPLICABLE. PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-69

FREQUENCY OF DRINKING EIGHT OR MORE CANS, GLASSES OR DRINKS IN A SINGLE DAY DURING PAST 12 MONTHS--04-06'S IN OTHER LOCATIONS (PERCENTAGE OF POPULATION)\*\*

			SER	SERVICE	
TYPE/	TOTAL				
FREQUENCY	000	ARMY	NAV∀	MARINE	FORCE
BEER					
TAL.	8	1	,	•	1
Y DAY	0			•	
DAYS A	0				
DAYSA	-			•	
DAYS A	0			*	
⋖	0			*	
LESS THAN MONTHLY	5			٠	
NEVER	84			•	
MINE					
TOTAL	8	,	- '	•	1
EVERY DAY	0			•	
YS A	0			٠	
DAYS A	-		,	•	
DAYS A WEEK	0			•	
DAYS A	0			•	
LESS THAN MONTHL	õ		_	٠	
NEVER	89			٠	
HARD LIQUOR					
TOTAL	8	,	,	•	1
EVERY DAY	0			•	
5-6 DAYS A WEEK	0			٠	
DAYS A WEEK	-			•	
DAYS A	. 0			•	
DAYS A	0			•	
LESS THAN MONTHLY	80			•	
NEVER	· •			•	

LESS THAN 30 RESPONDENTS. NOT APPLICABLE. PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

beverage categories. Officers rarely reported heavy drinking and, therefore, no regional patterns can be identified for them.

## Adverse Physiological Effects of Alcohol

There is compelling evidence that a person consuming an average of five ounces of ethanol daily during a 12 month period is practicing "chronic excessive alcohol consumption" and is at high risk of developing severe medical problems (e.g., cirrhotic or precirrhotic conditions). Consistent with the criterion employed in the 1977 RAND survey of Air Force personnel, it will be assumed that persons drinking an average of five or more ounces of ethanol each day during the past 12 months are presumed to be adversely affected. This is not meant to imply that consumption of less than that amount is safe; but five ounces seems to be a sufficiently high level so that few experts would disagree that adverse effects could be expected to occur in at least most cases.

The mean daily ounces of ethanol consumed by each respondent was computed using the procedure described in Appendix G. This procedure combines beer, wine and hard liquor consumed on both typical and atypical drinking days.

The mean daily ounces of ethanol consumed during the preceding 12 months is depicted in Tables IV-70 through IV-75. The majority of military personnel consumed less than 0.6 ounces per day. This is roughly equivalent to one

<sup>&</sup>lt;sup>1</sup>J. Michael Polich and Bruce R. Orris, <u>Alcohol Problems</u>: Patterns and Prevalence in the U.S. Air Force, (Santa Monica: RAND), 1979, pp. 30-31.

The Department of Defense specified that this definition, employed in a 1977 survey of Air Force drinking practices conducted by RAND, was to be used in this survey.

TABLE IV-70 mean daily consumption of ethandl during past 12 months--total dod

(PERCENTAGE OF POPULATION) \*\*

ETHANOL CONSUMED					
	ARMY	<u></u>	NA V Y	MAR INE CORPS	AIR FORCE
MEAN DAILY CONSUMPTION					
TOTAL	94	8	8	8	8
NONE			0	õ	ē.
V 0-0.4	37	35	34	£ :	44
0.5-0.9		<u> </u>	4 (	Ē,	
	D 167	- LC	, v	ກ ຜ	יו פ
	4	4	េស		· m
:	e		4	4	7
•	e	~	е	6	74
G.55-3.9	~	<u>е</u>	7	e	~
4.0-4.4	٠٠,	~ ~	۰,	~ (	- •
2 년 10 년 10 년 10 년 10 년 10 년 10 년 10 년 1				× +	
S 5-5 0.	_	<del>-</del>	-	7	*
6.0-6.4	-	+	-	-	•
6.5-6.9	<u>-</u>	-	-	-	•
7.0-7.4	_	<u> </u>	-	-	•
7.5-7.9	-	•	-	-	+
8.0-8.4	•	+	-	-	•
٠	+	+	-	+	•
9.0-9.4	+	+	+	-	•
9.5-9.9	+	+	+	+	<b>,</b>
10 OR MORE	7	6	e	6	-

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.
NDTE: FIGURES INCLUDE W1-W4'S.

'NONE' INCLUDES PERSONS DRINKING LESS THAN EIGHT CANS, GLASSES, OR DRINKS DURING THE PAST YEAR AND WHO DID NOT DRINK AT ALL DURING THE PAST 30 DAYS.

TABLE IV-71

MEAN DAILY CONSUMPTION OF ETHANOL DURING PAST 12 MONTHS

(PERCENTAGE OF E1-E5 POPULATION) \*\*

OUNCES OF	TOTAL		SER	SERVICE	
ETHANDL CONSUMED	000	ARMY	NAVY	MARINE	AIR FORCE
MEAN DAILY					
OF ETHANOL	_				
TOTAL	ş	8	8	8	8
NONE	12	14	60	6	4-
> 0-0.4	31	28	28	56	04
0.5-0.9	13	13	13	13	13
1.0-1.4	80	80	6	80	<b>6</b> 0
	S.	S.	y	9	ß
2.0-2.4		S	ស	7	4
2.5-2.9	4	e	ស	'n	7
3.0-3.4		e	4	4	0
3.5-3.9.		4	2	4	7
4.0-4.4		2	6	3	-
4.5-4.9.		5	5	5	-
5.0-5.4		7	5	5	-
5.5-5.9	-	-	7	7	٠
6.0-6.4	-	-	-	-	•
6.5-6.9	-	5	-	-	٠
0	-	-	-	+	-
	-	-	+	-	•
.0-8.4	-	-	-	-	•
6	*	-	-	+	٠
•	-	-	-	-	٠
9.5-9.9	+	+	•	٠	٠
to DR MORE	ю	ຜ	4	4	-

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

'NONE' INCLUDES PERSONS ORINKING LESS THAN EIGHT CANS, GLASSES, OR DRINKS DURING THE PAST YEAR AND WHO DID NOT DRINK AT ALL DURING THE PAST 30 DAYS

TABLE IV-72 MEAN DAILY CONSUMPTION OF ETHANOL DURING PAST 12 MUNTHS

(PERCENTAGE OF EG-E9 POPULATION) ..

	QUNCES OF	TOTAL		SER	SERVICE	
100 100 100 100 100 100 100 100 100 100	ETHANDL CONSUMED	00G	ARMY	NA V Y	MARINE	AIR
100 100 141 142 143 144 145 145 146 147 148 149 149 149 149 149 149 149 149	MEAN DAILY CONSUMPTION					
21	OF ETHANGL TOTAL	8	8	8	001	8
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NONE	17	19	15	4	18
15		43	9	42	43	84
MORE  MORE	5-0.9.	4	4	15	9	Ę
MAOVA 04 04 04 04 04 04 04 04 04 04 04 04 04	1.0-1.4		۷	<b>o</b>	<u></u>	7
MORE	3.0-2.4		ກຕ	ဖြင	m r	9 (
MORE FOR THE PART OF THE PART	7.0.0		າຕ	· -	4 M	v -
04040404040404040040	3.0-3.4		-	6	7	-
40404040404040404040404040404040404040	3.5-3.9		7	7	2	-
MORE	4.0-4.4	-	-	+	-	-
**************************************	4.5-4.9	-	_	-	-	-
MORE	ນ .C -ທ ນ -ທ ໝ -ທ	• •		- +	+ C	• •
MORE	6.0-6.4	4	•	+	· +	٠
# # # # # # # # # # # # # # # # # # #	6.5-6.9	+	-	+	•	•
**************************************	7.0-7.4.	•	+	+	+	0
MORE	6	•	+	+	0	٠
## + + + + + + + + + + + + + + + + + +		+	+	+	+	0
# + + + + + + + + + + + + + + + + + + +		•	+	+	0	0
MORE	9.0-9.4	+	+	+	0	•
OR MORE		+	0	0	+	٥
	Ö	-	-	-	+	٠

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

'NONE' INCLUDES PERSONS DRINKING LESS THAN EIGHT CANS, GLASSES, OR DRINKS DURING THE PAST YEAR AND WHO DID NOT DRINK AT ALL DURING THE PAST 30 DAYS

TABLE IV-73

MEAN DAILY CONSUMPTION OF ETHANOL DURING PAST 12 MONTHS

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POPUL
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OUNCES OF	TOTAL		SER	SERVICE	
ETHANOL CONSUMED	000	ARMY	× > <b>V V</b>	MARINE	A1R FORCE
MEAN DAILY CONSUMPTION					
OF ETHANOL TOTAL	9	100	90	,	•
NONE	23	22	50		•
	52	09	5.		٠
0.5-0.9	6	6	6		•
1.0-1.4	7	ເດ	Ξ		•
1.5-1.9.	-	•	~		•
2.0-2.4.	4	က	ນາ		•
2.5-2.9	+	+	0		•
3.0-3.4	0	0	0		•
3.5-3.9.	•	0	0		•
4.0-4.4	•	0	+	_	•
4.5-4.9.	0	0	0		•
•	+	0	+		•
•	0	0	ဂ		•
•	0	0	0		•
ģ	•	0	-		•
•	0	0	0		•
	0	0	0		•
	0	0	0		•
8.5-8.9	0	0	0		•
	0	0	0		•
9.5-9.9	0	0	0		•
10 OR MORE.	0	0	0		•

+ LESS THAN HALF OF ONE PERCENT
- LESS THAN 30 RESPONDENTS.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

'NONE' INCLUDES PERSONS DRINKING LESS THAN ELGHT CANS, GLASSES, OR DRINKS DURING THE PAST YEAR AND WHO DID NOT DRINK AT ALL DURING THE PAST 30 DAYS

TABLE IV-74

MEAN DAILY CONSUMPTION OF ETHANOL DURING PAST 12 MONTHS

(PERCENTAGE OF 01-03 POPULATION) \*\*

### ETHANOL CONSUMED DOD ARMY NAV: MARINE AIR CONSUMED DOD ARMY NAV: MARINE AIR CONSUMED DOD ARMY NAV: MARINE AIR CONSUMPTION  #### CONSUMPTION  #### CONSUMPTION  #### CONSUMPTION  #### CONSUMPTION  #### CONSUMPTION  #### CONSUMPTION  ##### CONSUMPTION  #### CONSUMPTION  ##### CONSUMPTION  ##### CONSUMPTION  ##### CONSUMPTION  ###################################	OUNCES OF	TOTAL		SER	SERVICE	
100 100 100 100 100 100 100 100 100 100	ETHANOL CONSUMED	000	ARMY	NAV	MARINE CORPS	AIR
100 100 100 100 100 100 100 100 100 100	MEAN DAILY CONSUMPTION					
13 13 13 15 2 15 2 15 2 15 2 15 2 15 2 1	TOTAL	001	8	8	95	8
555 600 46 73 88 1.13 7.1	•	17	£	13	6	1.1
24	0-0	ອ ຄຸ້ນ ເ	60	46	55	56
	0-1-0		4 4	- 60	2 =	5 ~
	9-1.9	4	-	9	6	4
	2.0-2.4	2	-	ស	2	-
		-	+	-	0	*
-+0+0++++000+	3.0-3.4	-	+	-	0	-
+ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.5-3.9	-	-	-	0	•
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	4.0-4.4	•	0	•	0	٠
+ + + + + + + + + + + + + + + + + + +	5-4.9.	0	0	0	0	0
+ + + + + + + + + + + + + + + + + + +	5.0-5,4	+	0	+	0	٠
+ + + + + + + + + + + + + + + + + + +	S.S-5.9.	•	0	0	0	•
+ + + + + + + + + + + + + + + + + + +	6.0-6.4	+	•	0	0	0
+ + + + + + + + + + + + + + + + + + +	6.5-6.9	+	+	*	0	•
15-7-9-4 + + + + + + + + + + + + + + + + + + +	·	+	0	•	0	0
	.5-7	+	+	0	0	0
5-8.9. 0.0-9.4. 0.0-9.4. 0.0-0.000000000000000000000000000000	.0-8	•	-	0	0	0
0.0-9.4 5-9.9 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.5-8	0	0	0	0	0
5-9.9. O O O O O O O O O O O O O O O O O O	9.0-9.4	0	0	0	0	0
OR MORE + 1 0 1	.5-9.9	0	0	0	0	0
	õ	+	-	0	-	c

+ LESS THAN HALF OF ONE PERCENT.

\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

'NONE' INCLUDES PERSONS DRINKING LESS THAN EIGHT CANS, GLASSES, OR DRINKS DURING THE PAST YEAR AND WHO DID NOT DRINK AT ALL DURING THE PAST 30 DAYS

TABLE IV-75

MEAN DAILY CONSUMPTION OF ETHANDL DURING PAST 12 MONTHS

(PERCENTAGE OF 04-06 POPULATION) \*\*

MEAN DAILY CONSUMPTION OF ETHANOL	100 100 8 538 14	V V V V V V V V V V V V V V V V V V V	MARINE CORPS 100 12 14 18	AIR FORCE 100 9 49 19
NO NO	00 t 8 8 5 + 4 +	0 4 6 8 8 8 8 8 8	001	001 9 8 9 8 9
ANOL	001	0 4 6 8 9 8	00 2 4 2 2	001 0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
	æ 82 ±	გ ზ. ლ. თ. დ	2 4 5 5	. 4 t 0 0 0
NONE 7	<del>-</del>	ജോഗര	÷ ;	ę.
		መ ሆ	-	
1.0-1.4	12	ഗ	7	12
1.5-1.9	60	ı	80	'n
2.0-2.4.	2	<b>4</b>	2	4
2.5-2.9.	-	<b>.</b>	CV (	<b>-</b> .
2.0-2.4 F. 2.0-2.4	- +	- (	00	- •
4.0-4		<b>&gt;</b> +	0	+
	+	0	0	0
	0	0	0	+
	0	0	-	+
.0-6.4	0	0	0	0
<b>6</b>	0	0	0	0
0-7.4	0	0	0	+
	0	0	0	+
.0-8.4.	c	0	0	+
0 2-8-8	0	0	0	0
0-9.4	0	0	0	0
5-9.9	0	0	0	0
10 OR MORE	0	0	-	0

+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

'MONE' INCLUDES PERSONS DRINKING LESS THAN EIGHT CANS, GLASSES, OR DRINKS DURING THE PAST YEAR AND WHO DID NOT DRINK AT ALL DURING THE PAST 30 DAYS

drink of beer, wine, or hard liquor. 1 E1-E5's are, by far, the group with the highest proportion of personnel at risk (10.9 percent), followed by E6-E9's (3.1 percent), O1-O3's (0.7 percent), O4-O6's (0.6 percent) and W1-W4's (0.2 percent).

One 12 ounce drink of beer contains about 0.48 ounce of ethanol; one four ounce glass of wine contains about 0.48 ounce of ethanol; and one drink of hard liquor contains about 0.7 ounce of ethanol. The last is based on respondents, estimates that their average drink contained 1.7 ounces of hard liquor; multiplying 1.7 times 0.43 ounce, the typical quantity of ethanol in an ounce of hard liquor, results in 0.7.

## Alcohol Dependence

For the purpose of this analysis, a person is defined as "alcohol dependent" who, during the preceding 12 month period, experienced one or more of the following symptoms during at least 48 of the 52 weeks: (1) tremors (shakes), (2) morning drinking, (3) impaired control, and (4) blackouts. The specific definitions provided to respondents for each symptom were as follows:

- . Tremors (shakes) -- "I had the 'shakes' because of drinking."
- . Morning drinking--"I took a drink the first thing when I got up in the morning."
- . Impaired control--"I could not stop drinking before becoming drunk."
- . Blackouts--"I awakened the next day unable to remember what I had done while drinking the day before."

Respondents were asked to indicate how frequently each of the above symptoms had occurred. A scale score was computed indicating the number of weeks at least one symptom had ocurred during the past 12 months.

Based on the alcohol dependence scale, Table IV-76 depicts the percentage of the respondents who were alcohol dependent during the preceding 12 months. The "total world-wide" rates show that 7 percent of all military personnel were alcohol dependent during the past 12 months and that alcohol dependency occurred predominantly among junior enlisted (10 percent) and senior enlisted personnel (3 percent).

<sup>&</sup>lt;sup>1</sup>The Department of Defense specified that this definition, used in a 1977 survey of Air Force personnel conducted by the RAND Corporation, was to be employed in this survey.

				SERVICE	
REGION/PAY GRADE	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE
CONUS					
TOTAL	7	8	10	11	4
E1-E5	10	11	13	14	5
E6-E9	4	4	5	4	5 2 0 1
01-03	1	1	+	3 1	0
04-06	+	0	0	1	1
EUROPE	}				
TOTAL	6	8	5	*	3
E1-E5	9	11	7	*	3 4
E6-E9	1	2	1	*	1
01-03	+	0	1	*	0
04-06	1	-	3	*	0
PACIFIC					
TOTAL	7	5	7	11	6
E1-E5	10	8	12	13	7
E6-E9	3	4	3	2	4
01-03	3	2	Ĭ	-	1
04-06	0	0	-	0	2
OTHER LOCATIONS					
TOTAL	4	5	4	*	4
E1-E5	5	6	4	*	6
E6-E9	5 3	3	3	*	6 3
01-03	0		-	*	-
04-06	4	-	-	*	-
TOTAL WORLDWIDE					,
TOTAL	7	8	9	11	4
E1-E5	10	1 11	12	14	5
E6-E9	3	3	5	4	5 2 *
W1 -W4	+	Ŏ	5 0	_	*
01 - 03	1	i	+	5	+
04-06	+	Ò	ĺ	Ĭ	ì

NOTE: A PERSON IS DEFINED AS "ALCOHOL DEPENDENT" WHO, DURING THE PRECEDING 12 MONTH PERIOD, EXPERIENCED ONE OR MORE OF THE FOLLOWING SYMPTOMS DURING AT LEAST 48 WEEKS: (1) TREMORS (SHAKES), (2) MORNING DRINKING, (3) IMPAIRED CONTROL, AND (4) BLACKOUTS.

<sup>\*</sup> NOT APPLICABLE.

<sup>-</sup> LESS THAN 30 RESPONDENTS.

<sup>+</sup> LESS THAN HALF OF ONE PERCENT.

Alcohol dependency was rare among warrant officers and commissioned officers (1 percent or less for each group). This pattern by pay grade holds for the total population in the CONUS, Europe, and Pacific regions. The somewhat different pattern shown for Other Locations should be interpreted cautiously because of the small sample sizes. The rates for officers should be viewed with considerable caution due to the small sample sizes.

The patterns described above are quite consistent with the rates of heavy drinking described previously. This is, of course, to be expected because of the substantial correlation between heavy drinking and alcohol dependency.

## Consequences of Alcohol Use

The respondents were asked to indicate whether certain consequences had occurred because of their use of alcohol during the preceding 12 months. These are the same consequences as were considered earlier for drug use. Table IV-77 depicts the percentage of respondents who reported that each of two general consequences of alcohol use had occurred during the preceding 12 months. Twenty percent of all respondents reported having been "drunk without planning to" and 11 percent indicated they were "drunk more than one day at a time" at least once during the preceding 12 months. Twenty-three percent indicated they had suffered at least one of these consequences during that period.

Turning now to more specific consequences of alcohol use, Tables IV-78 through IV-83 depict the percentages of respondents who reported that each of 15 physical, social, ir work consequences of alcohol use had occurred during the preceding 12 months. It is believed that this set of consequences constitute a superior indication of hard core alcohol problems than the more general set described previously. There was considerable overlap in responses among the 15 specific consequences. This implies, for example, that a person who received judicial or Article 15 punishment because of alcohol use might also have failed to get promoted. The total figures in Table IV-78, reflecting unduplicated counts, show that 11 percent of all respondents reported suffering at least one consequence during the preceding 12 months.

TABLE IV-77 GENERAL CONSEQUENCES OF ALCOHOL USE DURING PAST 12 MONTHS (PERCENTAGE OF POPULATION)

		1	SER	VICE	
PAY GRADE/ CONSEQUENCE	TOTAL DOD	ARMY	NAVY	MARINE CORPS	FORCE
TOTAL		}			
BECAME DRUNK WITHOUT PLANNING TO DRUNK MORE THAN ONE DAY AT A TIME TOTAL WITH EITHER CONSEQUENCE	20 11 23	16 10 19	25 16 31	23 16 29	18 6 20
<u>E1-E5</u>		1			44
BECAME DRUNK WITHOUT PLANNING TO DRUNK MORE THAN ONE DAY AT A TIME TOTAL WITH EITHER CONSEQUENCE	22 15 27	18 13 22	27 22 35	24 20 32	20 9 23
<u>E6~E9</u>					
BECAME DRUNK WITHOUT PLANNING TO DRUNK MORE THAN ONE DAY AT A TIME TOTAL WITH EITHER CONSEQUENCE	17 4 17	12 4 13	23 7 24	20 4 21	14 2 15
<u> </u>				•	
BECAME DRUNK WITHOUT PLANNING TO DRUNK MORE THAN ONE DAY AT A TIME TOTAL WITH EITHER CONSEQUENCE	9 + 9	3 0 3	18 1 18	- - -	* *
01 - 03					••
BECAME DRUNK WITHOUT PLANNING TO DRUNK MORE THAN ONE DAY AT A TIME TOTAL WITH EITHER CONSEQUENCE	16 2 16	13 3 15	24 1 23	15 4 16	12 + 12
<u>04-06</u>					1.4
BECAME DRUNK WITHOUT PLANNING TO DRUNK MORE THAN ONE DAY AT A TIME TOTAL WITH EITHER CONSEQUENCE	12 + 12	7 0 7	12 + 12	21 1 21	14 1 15

<sup>\*</sup> NOT APPLICABLE.
- LESS THAN 30 RESPONDENTS.
+ LESS THAN HALF OF ONE PERCENT.

TABLE IV-78

CONSEQUENCES OF ALCOHOL USE DURING PAST 12 MONTHS--TOTAL DOD (PERCENTAGE OF POPULATION)

	TOTAL		SER	SERVICE	
CONSEQUENCE	000	ARMY	> <b>V</b>	MARINE CORPS	AIR FORCE
VESS KEPT FROM C 1 WEEK OR LONGE NOT GET PROMOTE	88	8.8	8+	3.5	
	~	8	e	4	-
20.00	7	က	7	е	-
AFTER DRINKING	ю	er)	е	r.	~
DRINKING	чв	ю 0	ю <b>4</b>	4 10	
HURT IN ACCIDENT CONNECTED WITH DRINKING	8	6	4	4	-
WHERE OTHERS HURT OR PROPERTY DAMAGED	20.5	00-	e 64 =	m 44 44	
SPOUSE LEFT.  ENTERED REHABILITATION  OR TREATMENT PROGRAM	- 7	- 0	+ 74	- 0	
ATTENDED TRAINING OR EDUCATION PROGRAM	<b>7</b> -	n -	- 2	e -	-+
TOTAL WITH ANY CONSEQUENCE 1/	Ξ	=	4	17	ø

1/ PERCENTAGE OF POPULATION WITH AT LEAST ONE OF THE CONSEQUENCES DURING THE PAST 12 MONTHS.
+ LESS THAN HALF OF ONE PERCENT.

TABLE IV-79

CONSEQUENCES OF ALCOHOL USE DURING PAST 12 MONTHS (PERCENTAGE OF E1-E5 POPULATION)

TOTAL   CONSEQUENCE						
### CONSEQUENCE   DOD		TOTAL		SER	VICE	
WEEK OR LONGER	CONSEQUENCE	000	ARMY	NAV	MARINE	AIR FORCE
1 WEEK OR LONGER  NOT GET PROMOTED  LOWER SCORE ON EFFICIENCY  OR PERFORMANCE REPORT  3 3 3 3 4  LOWER SCORE ON EFFICIENCY  3 3 3 3 5  EIVED JUDICIAL OR  ARTICLE 15 PUNISHMENT  AFTER DEIVING  ARTICLE 15 PUNISHMENT  AFTER DRIVING	ILLNESS KEPT FROM DUTY					
NOT GET   TRUMENT   Consequence   Conseque	1 WEEK C	<b>е</b>	<b>с</b>	е с	е.	<b>-</b> ,
OR PERFORMANCE REPORT.  3 3 3 3 3 5 5 1 1 VED JUDICIAL OR  ARTICLE 15 PUNISHMENT.  3 4 2 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	LOWER SCORE ON EFFICE	~	יי	N	4	-
A RETER DELINKING  STED FOR DRIVING  AFTER DRINKING  STED FOR NON DRIVING  CONNECTED WITH ANY  ARTER DELINE TO DRINKING  A A A A A A A A A A A A A A A A A A A		· г	က	6	g)	-
STED FOR DIVING	RECEIVED JUDICIAL OR	r	•	,	•	•
AFTER DRINKING  STED FOR NON DRIVING  DRINKING INCIDENT.  TO ACCIDENT  CONNECTED WITH DRINKING  A	ARRESTED FOR DRIVING	,	7	•	,	-
DRINKING INCIDENT.  DRINKING INCIDENT.  DRINKING INCIDENT.  IN ACCIDENT.  IN ACCIDENT.  IN ACCIDENT.  CONNECTED WITH DRINKING.  4 4 5 5 6  3 5 6 6  4 7 10  4 8 5 6  4 9 5 6  4 9 5 6  4 9 7 6  5 0 1 1  5 0 1  5 0 1 1  5 0	AFTER DRINKING	4	4	4	9	7
DRINKING INCIDENT  RRCERATED DUE TO DRINKING  1 IN ACCIDENT  CONNECTED WITH DRINKING  4 4 5 5 6  4 3 5 6  4 3 5 6  4 4 5 5  5 6  6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ARRESTED FOR NON DRIVING					
IN ACCIDENT   A   3   5   6	INCIDENT	4	4	z,	ß	-
IN ACCIDENT   CONNECTED WITH DRINKING. 3 3 5 5 5	RCERATED DUE TO D	4	რ	ın	9	+
CONNECTED WITH DRINKING. 3 3 5 5 5 WING CAUSED WITH DRINKING. 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	IN ACCIDE					
WHERE OTHERS HURT OR  WHERE OTHERS HURT OR  USE THREATENED TO LEAVE  SPOUSE OR CHILDREN.  SSE LEFT.   CONNECTED WITH DRINKING	m	၈	ъn	S.	7	
PROPERTY DAMAGED.  SPOUSE OR CHILDREN.  SPOUSE OR CHILDREN.  SPOUSE OR CHILDREN.  1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ORINKING CAUSED ACCI DENT					
SECTION   SECT	DAMAGED	·	·	•	4	
SPOUSE OR CHILDREN.         1         2         4         2           JSE LEFT.         1<	THREATENED TO	10	10			· •
SE LEFT	SPC			, -		
HABILITATION       2       3       3       3         ATMENT PROGRAM       2       3       3       3         RAINING       3       3       3       3       3         CATION PROGRAM       3       3       3       3       3       3         ANY       14       15       18       21	JSE LEFT.	_	٠ -			• •
ATMENT PROGRAM	REHABILI					
RAINING CATION PROGRAM. 3 3 3 3 3 3 3 A 4 15 A 18 A 21	TREATMENT PROGRAM	7	က	e	ဗ	~
CATION PROGRAM	ATTENDED TRAINING					
ANY NSEQUENCE 1/	OR EDUCATION PROGRAM	ღ	က	6	0	7
CONSEQUENCE 1/ 14 15 18 21		-	-	Ţ.	<u>.</u>	-
1/						
		4	ž.	<u>.</u>	7	•

1/ PERCENTAGE OF POPULATION WITH AT LEAST ONE OF THE CONSEQUENCES DURING THE PAST 12 MONTHS.

+ LESS THAN HALF OF ONE PERCENT.

TABLE IV-Pr

CONSEQUENCES OF ALCOHOL USE DURING PAST 12 MONTHS (PERCENTAGE OF EG-E9 POPULATION)

	TOTAL		SER	SERVICE	
CONSEQUENCE	900	ARMY	NAVY	MAR I NE CORPS	AIR FORCE
TINESS KEDT FOODS DITY					
* WEEK OR LONGER.	-	-	+	<u>-</u>	-
_	+	•	-	-	•
OR PERFORMANCE REPORT	-	•	М	4	•
RECEIVED JUDICIAL OR	,	,	•	•	•
AKTICLE 15 PUNISHMENT	_		-	-	+
ARRESTED FOR DRIVING	,	-	·	4	-
ARRESTED FOR NON DRIVING	•	•	•	,	
DRINKING INCIDENT	+	-	•	-	0
INCARCERATED DUE TO DRINKING	-	-	-	4	-
HURT IN ACCIDENT					
CONNECTED WITH DRINKING	-	+	-	8	+
ORINKING CAUSED ACCI DENT					
PROPERTY DAMAGED	•	•	•	•	4
SPOUSE THREATENED TO LEAVE	- 0	- 0	· m	4	
HIT SPOUSE OR CHILDREN	•	. –	-	7	-
SPOUSE LEFT	+	-	*	-	+
ENTERED REHABILITATION				1	
ATTENDED TOATHING	_	7	-	en .	-
OR EDUCATION PROGRAM	c	-	~	CT.	-
DETOXIFIED	۱ +	• •	• +	, -	• •
ANY HELD SHOP					
CONSEQUENCE 1/	7	9	<b>6</b> 0	:	ស
	1				

1/ PERCENTAGE OF POPULATION WITH AT LEAST ONE OF THE CONSEQUENCES DURING THE PAST 12 MONTHS.
+ LESS THAN HALF OF ONE PERCENT.

TABLE IV-81

CONSEQUENCES OF ALCOHOL USE DURING PAST 12 MONTHS (PERCENTAGE OF W1-W4 POPULATION)

	TOTAL		SER	SERVICE	
CONSEQUENCE	000	ARM.	VAV	MARINE CORPS	A1R FORCE
ILLNESS KEPT FROM DUTY	,		(		,
2 2 2	<b>)</b> 0	00	00	1 1	• •
COWER SCORE ON DR PERFORMANCE	0	0	0	,	•
ADDEATICLE 15 PUNISHMENT	0	0	0	,	•
	0	0	0	ı	•
INCARCERATED DUE TO DRINKING	00	00	00	t i	• •
COMMECTED WITH DRINKING.	-	0	m	,	•
	- (	00	m c	, ,	• •
HIT SPOUSE OR CHILDREN.	00+	> 0 +	000		• •
ENTERED REHABILITATION OR TREATMENT PROGRAM	0	0	0	,	•
DETOXIFIED.	00	00	00	1 1	••
TOTAL WITH ANY CONSEQUENCE 1/	•	0	£	•	•

1/ PERCENTAGE OF POPULATION WITH AT LEAST ONE OF THE CONSEQUENCES DURING THE PAST 12 MONTHS.

NOT APPLICABLE.

LESS THAN 30 RESPONDENTS.

LESS THAN HALF OF ONE PERCENT.

TABLE IV-82

CONSEQUENCES OF ALCOHOL USE DURING PAST 12 MONTHS (PERCENTAGE OF 01-03 POPULATION)

	TOTAL		SER	SERVICE	
CONSEQUENCE	000	ARMY	NAVY	MAR I NE CORPS	A1R FORCE
ILLNESS KEPT FROM DUTY					
-	+ +	00	00		+ 0
GOT LOWER SCORE ON EFFICIENCY	•	•	•	+	+
	+	0	0	-	•
AKRESIED FOR DKIVING	+	0	*	-	+
	+ +	-+	0+		00
CONNECTED WITH DRINKING	+	+	0	0	*
WHERE C PROPERT	+ +	+0		<del>-</del> -	+ +
HIT SPOUSE OR CHILDREN SPOUSE LEFT ENTEDEN	+ +	+ >	00		o <b>o</b>
	+	0	0	-	+
OR EDUCATION PROGRAM	+ +	00	00	<b>*</b> -	+ 0
TOTAL WITH ANY CONSEQUENCE 1/	-	2	ဇ	2	•

1/ PERCENTAGE OF POPULATION WITH AT LEAST ONE OF THE CONSEQUENCES DURING THE PAST 12 MONTHS. + LESS THAN HALF OF ONE PERCENT.

TABLE IV-83

CONSEQUENCES OF ALCOHOL USE DURING PAST 12 MONTHS (PERCENTAGE OF 04-06 POPULATION)

	TOTAL		SER	SERVICE	
CONSEQUENCE	000	ARMY	NAVY	MARINE	A 1 R FORCE
ILLNESS KEPT FROM DUTY					
OID NOT GET PROMOTED.	+ 71	00	0 ^	o +	+ 0
	+	0	-	0	0
RECEIVED COULCIAL ON ADDRESSED CON DESCRIPTIONS	+	0	-	-	0
120	+	-	•	0	0
	0+	0-	00	00	00
CONNECTED WITH DRINKING	0	0	0	0	0
WHERE OTHERS HURT OR PROPERTY DAMAGED	+ -	00	+ -	00	+ <del>-</del>
USE OR CI	- c	o <del>-</del> C	· + c	000	- c
¦ %	0	) 0	0	• •	• •
ATTENDED TRAINING OR EDUCATION PROGRAM	+ 0	-0	00	00	00
TOTAL WITH ANY CONSEQUENCE 1/	n	<b>~</b>	۲	8	<del>-</del>

1/ PERCENTAGE OF POPULATION WITH AT LEAST ONE OF THE CONSEQUENCES DURING THE PAST 12 MONTHS. + LESS THAN HALF OF ONE PERCENT.

Another analysis investigated the extent to which respondents reported the occurrence of at least one of the 17 consequences (i.e., combing the two general consequences and the 15 specific consequences). Table IV-84 shows that 27 percent of the respondents indicated that at least one of the 17 consequences had occurred at least once during the past 12 months.

The patterns for all pay grade groups are similar to those just described for the composite total, but the proportions of respondents suffering the consequences vary considerably by pay grade group. The rank order by percentage of respondents suffering consequences is: E1-E5's, E6-E9's, O1-O3's, O4-O6's, W1-W4's. An exception to this general pattern is that 7 percent of Navy senior officers reported that they did not get promoted because of their alcohol use. However, this finding should be viewed with considerable caution because of the small number of Navy senior officer respondents (n= 137). This consequence was reported infrequently (by 1 percent or less of respondents) in other Service/pay grade groups except for junior enlisted personnel.

For all pay grade groups, the consequence most frequently reported was "became drunk without planning to" and the next most frequently reported was "drunk more than one day at a time." The latter consequence was rarely reported by officers (01-03's, 2 percent; 04-06's, <0.5 percent), but frequently reported by E1-E5's (15 percent) and occasionally by E6-E9's (4 percent).

260 TABLE IV-84 POPULATION WITH ANY OF 17 CONSEQUENCES OF ALCOHOL USE DURING PAST 12 MONTHS

		ĺ	SER	VICE	
PAY GRADE	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE
TOTAL	27	24	35	35	22
E1 - E5	33	30	40	40	27
E6 - E9	19	15	26	25	17
W1 - W4	9	3	18	-	*
01 - 03	16	16	24	16	12
04 - 06	14	7	19	22	15

<sup>\*</sup> NOT APPLICABLE.
- LESS THAN 30 RESPONDENTS.

Tables IV-85 and IV-86 depict the number of times any of the 17 general and specific consequences of alcohol use reportedly occurred during the past 12 months. Consequences had occurred for the total sample a median of three times.

## Work Impairment Because of Alcohol Use

Tables IV-87 through IV-92 show percentages of all military personnel who indicated they had suffered work impairment because of alcohol use during the preceding 12 months. "Lowered performance" was the type of work impairment reported most commonly (22 percent) followed by "late for work or left early" (13 percent), "drunk/high while working" (11 percent) and "did not come to work" (5 percent). There is considerable overlap among the four categories. The total reflects an unduplicated count of the proportion of respondents suffering at least one consequence; 27 percent fall in this category.

The patterns of work impairment by pay grade group are in the following rank order by percentage of respondents suffering impairment: E1-E5's, E6-E9's, O1-O3's, O4-O6's, and W1-W4's. The type of work impairment most frequently reported by all pay grade groups was "lowered performance" and the median number of days this ocurred was 2-3. These patterns are similar to those discussed previously for the 17 consequences of alcohol use.

TABLE IV-85

NUMBER OF TIMES ANY CONSEQUENCE OF ALCOHOL USE OCCURRED DURING PAST 12 MONTHS

(PERCENTAGE OF POPULATION) \*\*

	TOTAL		SER	SERVICE	
NUMBER OF TIMES	000	ARMY	NAVY	MARINE	AIR
TOTAL DOD TOTAL. O 1 1 2 3 3 3 4 8 6-8 9-11 12-14 15-19	0 m m 4 m u + 4 u + + +	00°C	Õũ a 4 Õ w u m w + + +	ဂ်ိအီးကေးစစ်မမအမ+++	00 00 00 00 00 00 00 00 00 00 00 00 00

+ LESS THAN HALF OF ONE PERCENT.

\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.
NOTE: FIGURES INCLUDE W1-W4'S.

. TABLE IV-86

NUMBER OF TIMES ANY CONSEQUENCE OF ALCOHOL USE OCCURRED DURING PAST 12 MONTHS

(PERCENTAGE OF POPULATION)\*\*

VE AIR		884400+0+
SERVICE Y MARINE		
Y NAVY		
L		4 + 0 - 0 + + 4 9 2 8 2
TOTAL	:::::::::::::::::::::::::::::::::::::::	
NUMBER OF TIMES	E1-E5 TOTAL 0. 1. 2. 3. 4. 5. 6-8. 9-11 12-14 15-19 TOTAL	5. 6-8 9-11 12-14

+ LESS THAN HALF OF ONE PERCENT. \*\* PERCENT MAY NOT ADD TO 100 DUE TO ROUNDING.

NUMBER OF TIMES ANY CONSEQUENCE OF ALCOHOL USE OCCURRED DURING PAST 12 MONTHS TABLE IV-86 (cont)

(PERCENTAGE OF POPULATION) \*\*

	TOTAL		SER	SERVICE	
NUMBER OF TIMES	000	ARMY	NAVY	MARINE CORPS	AIR FORCE
M1-W4 TOTAL 0 1 2 3 4 5 6-8 9-11 12-14 15-19 0 0 1 2 3 4 4 5 6-8 9-11 12-14 15-19	100 100 100 100 100 100 100 100 100 100	100 97 0 1 1 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0	001 828 93 94 100 100 100 100 100 100 100 100 100 10	- 001 28 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	********** 0.000 **********

<sup>-</sup> LESS THAN 30 RESPONDENTS
\* NOT APPLICABLE
+ LESS THAN HALF OF ONE PERCENT
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

TABLE IV-86 (cont)

NUMBER OF TIMES ANY CONSEQUENCE OF ALCOHOL USE OCCURRED DURING PAST 12 MONTHS

(PERCENTAGE OF POPULATION)\*\*

	TOTAL		SERVICE	/1 CE	
NUMBER OF TIMES	000	ARMY	NAVY	MARINE CORPS	AIR FORCE
04-06					
TOTAL	100	100	100	100	100
0	98	93	8	78	85
	က	5	_	9	2
2	က	_	9	2	4
	9	က	10	10	9
	+	0 -	+	<b>,</b> ,	_
	+	<b></b> (	0 1	0	0
9-9	+ (	0	(	0	+
9-11	0	<u> </u>	0	0	0
12-14	0	0	0	0	0
15-19	0	0	0	0	0
20 OR MORE	0	0	0	0	0

+ LESS THAN HALF OF ONE PERCENT \*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING

TABLE IV-87

WORK IMPAIRMENT DUE TO ALCOHOL USE DURING PAST 12 MONTHS--TOTAL DOD (PERCENTAGE OF POPULATION)\*\*

100 ARMY NAVY MARINE CORPS S	IMPAIRMENT/NUMBER	TOTAL		SER	SERVICE	
100 100 100 100 100 100 100 100 100 100	OF DAYS HAPPENED	000	ARMY	NAV Y	MARINE	AIR FORCE
100 100 100 100 100 100 100 100	LOWERED PERFORMANCE					
78 81 70 76 6 71 81 70 70 70 70 70 70 70 70 70 70 70 70 70	T01AL	8	8	8	\$	8
100 100 100 100 100 100 100 100 100 100		78	80	20	7.1	83
100 100 100 100 100 100 100 100 100 100	C	102		φ Ç	۰ ۵	un t
100 100 100 100 100 100 100 100 100 100		9	חצור	<u> </u>	n ac	0 4
100 100 100 100 100 100 100 100 100 100	12-39.	8	8	4	6	-
100 100 100 100 100 100 100 100 100 100		~	7	m	7	-
100 100 100 100 100 100 100 100 100 100						
87 83 84 84 85 85 85 85 85 85 85 85 85 85 85 85 85	_	8	\$	8	\$	5
1		87	87	83	84	06
1		4	4	4	4	4
1	2-3	4 (	4 (	φ.	9 (	e (
100 100 100 100 100 100 100 100 100 100		m <del>-</del>	7	4 -	ი -	<b>7</b> 4
100 100 100 100 100 100 100 100	80		- ~	- 74	- 7	• •
100 100 100 100 100 100 100 100 100 100	NOT COME TO					
99 10 1 1 1 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	TOTAL	90	5	90	5	5
100 100 100 100 100 100 100 100 100 100	0	95	96	66	95	86
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-	-	7	2	-
100 100 100 100 100 100 100 100			-	٠ ب		-
100 100 100 100 100 100 100 100 100 100			- +	- +	- 4	+ •
100 100 89 89 84 84 85 84 85 87 87 87 87 88 84 87 88 87 88 87 88 87 88 88 84 86 87 88 88 88 84 86 86 86 86 86 87 88 88 88 88 88 88 88 88 88	OR MORE	-	- 70	-	-	+ +
17AL 100 100 100 100 100 100 100 100 100 10	DRUNK/HIGH WHILE WORKING					
3 3 4 4 3 1 1 2 2 3 3 4 4 3 3 1 1 1 2 2 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 3 4 4 4 3 3 3 3 3 4 4 4 3 3 3 3 3 4 4 4 3 5 5 5 5		8	8	9	8	8
11. 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0	68	68	84	85	94
3 3 4 4 1 1 2 2 4 4 1 1 1 2 2 1 4 1 1 2 2 1 2 1		8	~	6	၉	7
111. 3 2 4 2-39. 1 1 2 3 0 R MORE. 2 3 3 3 WITH ANY 27 24 35	2-3	က	ო	4	4	7
0 OR WORE	-	e	2	4	0	-
0 OR MORE	-39	-	-	7	7	+
PATRMENT 1/ 27 24 35	ĕ	8	ო	6	e,	+
	WITH ANY	7.0	7.4	ų, v	9.6	ç
	F1 .	ì	*	9	*	₹

1/ PERCENTAGE OF POPULATION WITH ANY IMPAIRMENT.
AT LEAST ONCE DURING PAST 12 MONTHS.
+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-88

WORK IMPAIRMENT DUE TO ALCOHOL USE DURING PAST 12 MONTHS (PERCENTAGE OF E1-E5 POPULATION)\*\*

IMPAIRMENT/NUMBER	TOTAL		SER	SERVICE	
OF DAYS HAPPENED	gog	ARMY	NAVY	MARINE	A1R FORCE
LOWERED PERFORMANCE	Ģ	Ş	5	Ş	Š
0	4 4	77	99	89	<u>~</u>
	9	9	9	7	ស
2-3	<b>5</b> 0 f	9	12	õ	~ 1
12-39	- ღ	p (V	5 4	n m	n 04
40 OR MORE	7	6	e	е	-
LATE FOR WORK/LEFT EARLY					
TOTAL	8	<u></u> 8	<u></u>	\$6	8
:	0 4 R	n u	D (r	ان م	ao ur ao
N	n w	7	n 60		4
4-11	က	ო	ம	е	7
12-39 40 DR MORE	÷ 0	- 0	2.5		+ -
	1	1	•	•	•
DID NOT COME TO WORK				,	
101AL	8 9	§ 8	<u>\$</u>	8 9	8
	* ~	y (7	50	,	o <del>-</del>
2-3	8	8	N		-
4-11	-	_	-	-	+
40 DR MDRE		- 0	+ -	~ ~	+ +
DRUNK/HIGH WHILE WORKING		<del>-</del>			
TOTAL	<u>5</u> ۾	§ §	§ 5	8:	§ 8
	3 6	, m	10 - 41	- m	n m
:	4	4	v	æ	7
4-11.	e ·	e .	S	4	-
40 OR MORE.	N 10	W 4	01 FD	w 4	+ -
<b>&gt;</b>			:		•
IMPAIRMEN!	31	59	0	88	54

1/ PERCENTAGE OF POPULATION WITH ANY IMPAIRMENT.
AT LEAST ONCE DURING PAST 12 MONTHS.
+ LESS THAN HALF OF ONE PERCENT.
•• PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

TABLE IV-89

WORK IMPAIRMENT DUE TO ALCOHOL USE DURING PAST 12 MONTHS (PERCENTAGE OF E6-E9 POPULATION)\*\*

	IMPAIRMENT/NUMBER	TOTAL		SER	SERVICE	
100 83 83 84 85 87 100 100 100 100 100 100 100 10	OF DAYS HAPPENED	000	ARMY	NA V	MARINE	AIR FORCE
100 100 100 100 100 100 100 100	O DE DE DE DE DE DE DE DE DE DE DE DE DE					
83	TOTAL	\$	8	8	8	8
15	0	83	87	78	78	86
15		4	8	ນ	9	4
100 100 100 100 100 100 100 100 100 100	2-3	ı,	4 1	9	80 1	io.
100 100 100 100 100 100 100 100 100 100	4-41	ດ <del>-</del>	o +	- 0	n •	4 +
100 100 100 100 100 100 100 100 100 100	40 OR MORE		8	2 64	- 7	. +
100 91 91 91 93 93 94 95 96 96 97 97 98 98 98 98 98 98 98 98 98 98						
91 91 92 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		8	8	8	8	8
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0	16	16	06	85	66
13 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		က	е.	7	4	7
100 100 100 100 100 100 100 100 100 100	2-3	m (	m d	e (	וחו	00
100 100 100 100 100 100 100 100 100 100	40-20	7 +	N +	N +	ກ +	N +
100 100 100 100 100 100 100 100 100 100	40 OR MORE	<b>-</b>		-	-	+
100 100 100 100 100 100 100 100 100 100						
98 98 97 97 97 97 97 97 97 97 97 97 97 97 97		8	8	8	8	\$
100 100 100 100 100 100 100 100 100 100		<b>8</b>	86	97	97	<b>8</b> 6
100 100 100 100 100 100 100 100 100 100		<del>-</del> -		٠.	n +	
100 100 100 100 100 100 100 100 100 100		• •	• •	- *	+ +	- +
100 100 100 100 100 100 100 100 100 100		+	+	0	0	+
100 100 100 100 100 100 100 100 100 100		-	-	<b>-</b>	-	+
07AL 100 100 100 100 100 100 100 100 100 10	DRUNK/HIGH WHILE WORKING			_		
-3 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9	TOTAL	\$	8	8	õ	9
-3 1 1 2 3 3 1 1 2 2 3 3 1 1 2 2 0 0 1 1 1 2 2 0 0 1 1 1 1 2 1 1 1 1		26	96	66	66	97
2-39.		- •	<del>-</del> •	. 2	m (	
WITH ANY 19 16 25 25	2-3			- (	m (	
WITH ANY 19 16 25 25	12-39	- +	- +	<b>~</b> +	o +	• •
WITH ANY 19 16 25 25		-	-	5	-	
. 19 16 25 25						
	IMPAIRMENT 1/	<u></u>	9	25	25	91

1/ PERCENTAGE OF POPULATION WITH ANY IMPAIRMENT.
AT LEAST ONCE DURING PAST 12 MONTHS.
+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

WORK IMPAIRMENT DUE TO (PERCENTAGE	ALCOHOL OF W1-W	USE DURING PAST 4 POPULATION)**		12 MONTHS	į
IMPAIRMENT/NUMBER	TOTAL	•	SER	SERVICE	
OF DAYS HAPPENED	<b>0</b> 00	ARMY	MAVY	MARINE	AIR
LOWERED PERFORMANCE TOTAL O 1 2 - 3 2 - 4 - 11 12 - 39 40 DR MORE	00044-0-	008-400-	0 m u n u o o	,	*****
LATE FOR WORK/LEFT EARLY TOTAL 0 1 2-3 4-11 12-39 40 OR MORE	0 m - + + 0 -	0 m + 0 0 0 +	8800000	ı	
DID NOT COME TO WORK TOTAL O 1 2-3 4-11 12-39 40 OR MORE	<u> </u>	0 e 0 0 0 0 +	880000	t	• • • • • • • • • • • • • • • • • • •
DRUNK/HIGH WHILE WORKING 101AL 2 - 3 4 - 11 12 - 39 40 OR MORE	0 0 0 0 0 <del>-</del>	98	8800000		• • • • • •

1/ PERCENTAGE OF POPULATION WITH ANY IMPAIRMENT.
AT LEAST ONCE DURING PAST 12 MONTHS.
NOT APPLICABLE.
- LESS THAN 30 RESPONDENTS.
+ LESS THAN HALF OF ONE PERCENT.
PERCENTS MAY NOT ADD TO TOO DUE TO ROUNDING.

7

TOTAL WITH ANY
IMPAIRMENT 1/ ....

WORK IMPAIRMENT DUE TO ALCOHOL USE DURING PAST 12 MONTHS (PERCENTAGE OF 01-03 POPULATION).\* TABLE IV-91

IMPAIRMENT/NUMBER	TOTAL		SER	SERVICE	
OF DAYS HAPPENED	000	ARMY	NAVY	MARINE	AIR
LOWERED PERFORMANCE TOTAL 0 1 2-3 4-11 12-39 40 OR MORE	001 88 9 8 6 4 + +	000 888 4 4 4 4 + + +	001 72 8 2 4 8 0	000 800 122 000 000	00 00 00 00 00 00 00 00 00 00 00 00 00
LATE FOR WORK/LEFT EARLY TOTAL 0. 1 2-3 4-11 12-39 40 OR MORE	0.00 0.00 4.00 + 0.00 +	00 00 00 00 00 00 00 00 00 00 00 00 00	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	00.00	0 0 0 0 0 0 0 0 0
DID NOT COME TO WORK TOTAL 0	88++00+	880000+	00+000	00 88 60 60 60 60 60 60 60 60 60 60 60 60 60	99++000
DRUNK/HIGH WHILE WORKING TOTAL 0 1 2-3 4-11 12-39 40 OR MORE	001 7.6 4. + + + + + + + + + + + + + + + + + + +	008	0 6 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	000	0 8 + 0 0
TOTAL WITH ANY IMPAIRMENT 1/	17	15	29	21	12

1/ PERCENTAGE OF POPULATION WITH ANY IMPAIRMENT,
AT LEAST ONCE DURING PAST 12 MONTHS.
+ LESS THAN HALF OF ONE PERCENT.
\*\* PERCENTS MAY NOT ADD TO 100 DUE TO ROUNDING.

WORK IMPAIRMENT DUE TO ALCOHOL USE DURING PAST 12 MONTHS (PERCENTAGE OF 04-06 POPULATION)\*\* TABLE IV-92

IMPAIRMENT/NUMBER	TOTAL		SER	SERVICE	
OF DAYS HAPPENED	000	ARMY	NAVY	MARINE	AIR FORCE
LOWERED PERFORMANCE					
TOTAL	38	5 8	8 8	§ %	Ş %
	) P	-	8	7 7	- L
2-3	9	n.	ın ·	۲.	<b>a</b> 0 (
4-11	- +		- +	4 C	N C
. 0	0	0	0	0	0
LATE FOR WORK/LEFT EARLY					
TOTAL	8	8	\$ 5	8	§ ;
	96	6 C	es +	85	
2-3		00	• •	- ^	4 m
4-11	+	-	+	0	-
12-39.	+ -	00	+ 19	00	၁၀
		-		'	
DID NOT COME TO WORK	٤	5	Ş	5	Ş
0	3 g	8	\$	3 §	80
	-	00	00	00	<b>-</b> ,
4-11	+ 0	00	<b>)</b> 0	00	- 0
2-39	000	00	00	00	00
E 20 04	>	)	o 	>	>
DRUNK/HIGH WHILE WORKING	ĝ	8	9	Ş	001
0	97	8	93	8	97
2-3	- +	00	۰ ۰	00	~ -
	• •	0	• •	0	- 0
m (	0.	00	01	00	0
40 DK MUKE	-	0	ھ	0	<b>o</b>
TOTAL WITH ANY IMPAIRMENT 1/	2	7	14	15	51

<sup>1/</sup> PERCENTAGE OF POPULATION WITH ANY IMPAIRMENT.

AT LEAST ONCE DURING PAST 12 MONTHS.

+ LESS THAN HALF OF ONE PERCENT.

\*\* PERCENTS MAY NOT ADD TO 100 OUE TO ROUNDING.

# V. COMPARISON OF NONMEDICAL DRUG USE AND ALCOHOL USE BETWEEN MILITARY PERSONNEL AND CIVILIANS

This analysis is restricted to the subpopulations at highest risk for nonmedical drug use in both military and civilian populations: persons 18 through 25 years old. The data have been standardized with respect to the variables that are most closely correlated with nonmedical drug use: sex, age, marital status, and education. Standardization with respect to these variables serves to provide prevalence rates that are not biased by the differences in occurrence of these characteristics in the two populations. The specific procedures employed to standardize the data are described in Appendix I.

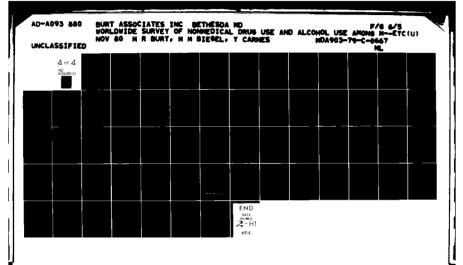
The comparison is limited by the fact that the National Survey on Drug Abuse was conducted about a year earlier than the survey of military personnel; therefore the time periods are not wholly comparable. Further, the civilian survey, like all household surveys, excluded persons living in dormitories, some other group quarters, and persons with no fixed address. Persons such as students living in college dormitories and persons with no fixed address may be characterized by higher prevalence rates than persons living in households, particularly for some stronger substances such as heroin. 1

Fishburne, P. M., Abelson, H. I., and Cisin, I. National Survey on Drug Use: Main Findings 1979. Rockville, Maryland: National Institute on Drug Abuse, 1980, p. 2.

Table V-1 depicts the prevalence of nonmedical drug use and alcohol use among military personnel and comparable civilians ages 18 through 25. With respect to current use, the civilian prevalence is slightly higher for two drugs: marijuana/hasish (military, 40 percent; civilian, 42 percent) and cocaine (military, 7 percent; civilian, 10 percent). The current use rate for amphetamines and other uppers is higher for military personnel than for civilian (10 percent versus 4 percent, respectively).

With respect to <u>annual use</u>, the civilian prevalence rate is higher than the military prevalence rate for the following drugs: marijuana/hashish (military, 52 percent; civilian, 54 percent); cocaine (military, 18 percent, civilain, 23 percent); barbiturates or other downers (military, 9 percent; civilian, 10 percent); and tranquilizers (military, 9 percent; civilian, 12 percent). The military annual prevalence rate is higher than the civilian prevalence rate for the following drugs: amphetamines or other uppers (military, 21 percent; civilian, 12 percent); hallucinogens (military, 13 percent; civilian, 12 percent); and heroin (military, 3 percent; civilian, 1 percent).

In summary, prevalence of current nonmedical drug use for military personnel is slightly lower or equal to civilian use for all drug types analyzed, with the exception of amphetamines or other uppers. Prevalence of annual use is lower for military personnel than civilians with respect to four drawtypes and higher than civilians for three drug types.



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#### PREVALENCE OF NONMEDICAL DRUG USE AND ALCOHOL USE AMONG MILITARY PERSONNEL AND COMPARABLE CIVILIANS--AGES 18-25 (PERCENTAGE OF 18-25 YEAR OLD POPULATION)

ТҮРЕ	MILITARY (n= 8224)	COMPARABLE CIVILIANS (n= 2022)
MARIJUANA/HASHISH		
PAST 30 DAYS	40	42
PAST 12 MONTHS	52	54
AMPHETAMINES OR OTHER UPPERS		
PAST 30 DAYS	10	4
PAST 12 MONTHS	21	12
COCAINE		
PAST 30 DAYS	7	10
PAST 12 MONTHS	18	23
HALLUCINOGENS		
PAST 30 DAYS	5	5
PAST 12 MONTHS	13	12
BARBITURATES OR OTHER DOWNERS		
PAST 30 DAYS	4	4
PAST 12 MONTHS	9	10
TRANQUILIZERS		
PAST 30 DAYS	3	3
PAST 12 MONTHS	9	12
HEROIN		
PAST 30 DAYS	1	1
PAST 12 MONTHS	3	1
ALCOHOL		
PAST 30 DAYS	84	82
PAST 12 MONTHS	93	90

DATA STANDARDIZED WITH RESPECT TO SEX, AGE, MARITAL STATUS, AND EDUCATION. BASED ON SPECIAL TABULATIONS FROM THE 1979 NATIONAL SURVEY ON DRUG ABUSE.

is thus no general pattern of nonmedical drug use being more prevalent for military personnel than civilians.

Regarding alcohol use, slightly higher proportions of military personnel than civilians drank at all during the past 30 days and the past year. It would be of interest to compare rates of heavy drinking and occurrences of alcohol problems among military and civilian personnel. Unfortunately, the National Survey of Drug Abuse did not include such data; and data from the recent survey of American drinking practices that are comparable with our data on the military population are not yet available. Therefore, such comparisons could not be made.

<sup>&</sup>lt;sup>1</sup>Sponsored by the National Institute on Alcohol Abuse and Alcoholism.

#### VI. FURTHER RESEARCH REQUIRED

In a very real sense, this report only scratches the surface of the subject of nonmedical drug use and alcohol use in the Military Services. There was insufficient time available to analyze all the interesting and important data that were obtained in the course of the survey. Further, the data analysis raised a number of issues that could not be explored or could only be explored partially because of the limited time available to analyze the data. This section contains some suggestions as to the future directions that should be taken to conduct further analyses of the data obtained in the survey.

## Determine The Proportion of Servicemembers With Impaired Military Effectiveness

A number of indicators that could suggest impaired military effectiveness have been presented in Chapters II, III, and IV of this report. These include notably: drug and alcohol dependency, adverse physiological effects of alcohol use, many of the consequences of drug or alcohol use and work impairment because of drug or alcohol use. However, no attempt has been made, in the limited time available to analyze the data and prepare this report, to develop one or more composite typologies. Such a typology would permit assigning each servicemember to a category based on the extent to which his or her military effectiveness is impaired because of the individual's: (1) drug use, (2) alcohol use or (3) drug and alcohol use.

As an <u>illustrative example</u>, consider the following typology ranked from highest to lowest impact.

- An individual is drug dependent, alcohol dependent, suffers adverse physiological effects of alcohol use, and/or scores "high" on work impairment.
- An individual is not high on above, but scores moderately high<sup>1</sup> on work impairment.
- 3. An individual is neither of the above, but scores high on items relating to social disruption.
- 4. An individual is none of the above.

Separate typologies could be developed for alcohol and drugs; this would provide a better basis for planning remedial actions.

There are a number of other possible typologies that could help to focus more specifically on the impact of drug and alcohol abuse on military performance. The task would be to develop and test a number of different typologies and to select the one(s) that is (are) most useful and sensitive.

### Characteristics of Drug and Alcohol Abusers

No analysis has been conducted to date of the characteristics of military personnel who are engaged in nonmedical drug use and in heavy alcohol use. It is of considerable interest to identify those characteristics that are correlated with this behavior. Some sophisticated mathematical and satistical tools, such as multiple discriminant analysis, may be used to identify clearly those characteristics that distinguish between drug abusers, alcohol abusers, combined drug and alcohol abusers, and non-abusers.

The "cutting score" will need to be defined after inspecting data distributions and conferring with DOD personnel.

# Effect of the Military Environment on Drug and Alcohol Use

A number of questions were included in the questionnaire concerning the respondent's perception of the availability of drugs, where they could be obtained, reasons why he or she drank alcohol, and the effect of the environment on their drug and alcohol use. This information would be of substantial use to the Military Services in examining the environmental factors that influence nonmedical drug use and alcohol use.

#### Special Regional Analyses

The survey has uncovered several regional patterns that are particularly notable and should be analyzed further. For example, the Army in Europe exhibited unusually high patterns of use of certain drugs and the prevalence of non-medical drug use among servicemembers there was generally higher than for Army personnel in other regions. Similarly, cocaine use was highest in the CONUS West and Hawaii sub-regions. It would be of substantial interest to conduct special analyses of these drug abuse patterns and the service-members' perceptions of the environment surrounding use of these drugs in these regions.

#### Career Intentions Related to Drug and Alcohol Use

The questionnaire included items concerning the career intentions of the respondents. It would be of considerable interest to relate career intentions to nonmedical drug and alcohol use.

## Type of Duty Related to Drug and Alcohol Use

This analysis would investigate drug and alcohol use patterns as a function of the respondent's type of duty.

Included would be analyses of whether he or she is overseas or otherwise away from his or her family.

#### Reasons for Drug and Alcohol Use

A number of questions were asked as to why an individual uses drugs and alcohol and, if they do not use them, why not. The servicemembers' personal reasons for using and not using drugs and alcohol could provide considerable insights that should be beneficial in designing prevention programs and developing policies concerning nonmedical drug use and alcohol use.

# Comparison of Drug and Alcohol Use Before and After Arriving at an Installation

This analysis could provide some insights into whether the drug and alcohol use is influenced by the environment at an installation. For example, it may be emphasized that drug use is very much related to the availability of drugs and that this availability would vary at different installations. Further, it would be expected that heavy alcohol use would be influenced by the geographical isolation of a post, whether the individual is accompanied by his or her spouse, etc.

# Comparison of Drug and Alcohol Use Before and After Entering the Service

The respondents were asked questions concerning whether

their alcohol use had changed since entering the Service.

This may be of use in trying to assess the extent to which

Service entry may be associated with drug and alcohol use.

## Military Occupational Specialty Related to Drug and Alcohol Use

The abuse of drugs and alcohol may be of special concern in certain classes of military occupational specialities. It would be of interest to isolate groups of specialities and determine the prevalence of nonmedical drug use and alcohol use, of consequences, and work impairment for these groups.

## Availability of Drugs On and Off the Installations

Questions were asked concerning the extent to which drugs are available on and off installations. This information would be of considerable use in law enforcement efforts.

## Social Climate and Pressures on Drug and Alcohol Use

A great deal of drug and alcohol use is influenced by the social climate and social pressures that might exist concerning their use. It would be of interest to analyze to what extent the respondents felt that such a situation was present in their social relationships or social environment.

## Other Studies

In addition to the above studies, there are other special analyses that we believe would be extremely interesting and useful to policy makers in the Department of Defense and the Military Services:

- Relationships with supervisors and their workers related to drug and alcohol use
- Medical treatment required related to drug and alcohol use
- \* Problems and extent of cigarette smoking
- \* Reasons for not using drugs and alcohol
- \* Personal needs for help for a drug or drinking problem
- Dependent's need for help with a drug and drinking problem
- Job satisfaction related to drug and alcohol abuse
- \* Positive effects of drug and alcohol use

#### **APPENDICES**

- A. SAMPLE WEIGHTING
- B. POPULATION REPRESENTED BY THE SAMPLE
- C. CONFIDENCE LIMITS AND SIGNIFICANCE OF DIFFERENCES
- D. NUMBER OF RESPONDENTS
- E. VALIDITY
- F. RESPONSE RATES
- G. COMPUTATION OF MEAN DAILY CONSUMPTION OF ETHANOL
- H. QUESTIONNAIRE
- I. STANDARDIZATION OF CIVILIAN AND MILITARY POPULATIONS

APPENDIX A
SAMPLE WEIGHTING

#### SAMPLE WEIGHTING

A sample weighting procedures was instituted in order to put the computed survey sample into balance with the actual DOD population (certain groups were excluded from the population base, e.g., recruits, transients). The design was disproportionate by Service, geographical region and pay grade. The weighting compensates by providing each servicemember the same chance of being selected to participate in the survey and, in the actual process, a weight was given each respondent. Weights were developed for each geographical region, referred to as a primary sampling unit (PSU). Within each PSU, weights were developed for each of five pay grades: E1-E5, E6-E9, W1-W4, O1-O3, O4-O6.

The weights were obtained by multiplying the number of Service personnel in each PSU and each of the five pay grades by  $\frac{1}{\text{Pi}}$ , where Pi is the probability of selection of the PSU.

This projection then was adjusted by a factor, using ratio estimating procedures, to force the Service pay grade total to equal known totals. The adjustment factor is the ratio of the known Service pay grade total divided by the survey estimate of Service pay grade. This adjustment was then multiplied by the previous estimated PSU pay grade projection. This total is then divided by the number of respondents within the PSU pay grade cell and the results is

the weight that was applied to the PSU pay grade cell, or the respondents in that cell.

We have then:

WHERE

DOD = A Department of Defense total

A = An Army estimated total

M = A Marine Corps estimated total

A
N = A Navy estimated total

A = An Air Force estimated total

 $W_{ij}$  = Weight used for PSU pay grade cell

$$= \frac{\frac{1}{\text{Pi}} \times A_{ij} \times \frac{A_{j}}{\text{X}(\frac{1}{\text{Pi}} A_{ij})}}{a_{ij}, m_{ij}, m_{ij}, f_{ij}}$$

Pi = Probability of selection of PSU

A<sub>ij</sub> = Total Service personnel within PSU pay grade

 $A_{j}$  = Total Service personnel within pay grade

WHERE

m = Number of Marine Corps personnel interviewed
within a PSU pay grade

n = Number of Navy personnel interviewed within a PSU pay grade

f = Number of Air Force personnel interviewed
 within a PSU pay grade

THEN

$$\begin{array}{lll} & & = \sum W_{ij} & a_{ij} \\ & & = \sum W_{ij} & m_{ij} \\ & & = \sum W_{ij} & n_{ij} \\ & & = \sum W_{ij} & f_{ij} \\ & & \end{array}$$

The weighted number of respondents determined from the application of this procedure equals the population from which the sample was drawn, or the actual population for each Service depicted in Appendix B.

# APPENDIX B POPULATION REPRESENTED BY THE SAMPLE

APPENDIX B-1 POPULATION REPRESENTED BY THE SAMPLE

GEOGRAPHICAL	TOTAL		SER	SERVICE	
REGION/PAY GRADE	000	ARMY	NAVY	MARINE CORPS	AIR FORCE
CONUS					
TOTAL	1,393,269	454.158	416,283	128,951	383,878
E1-E5.	924,659	304.537	282,565	95,412	242,146
	251.356	77,221	85,085	18,951	70,099
	14.498	990.6	3,091	2,341	•
	126.085	39, 207	28, 121	8,243	50,514
04-06	76.671	24, 127	17,421	4,004	31,119
TOTAL	287.004	190,205	21,625	•	75, 174
	194.521	131,295	13,485	•	49,741
	63.700	42.299	4.467	*	16,934
	2.979	2.713	267	٠	•
,	16.879	9.407	1.976	٠	5,497
· · · · · · · · · · · · · · · · · · ·	200	400	•	•	3,002
PACIFIC	•		•		
TOTAL	165.471	36.263	45.596	39,388	44,224
	103, 543	19,225	4	29,281	30,484
	40.275	11.252	13,211	6,531	9.281
	2.000	802	851	347	•
	11.668			2.425	3,086
	7.984	2.291	3,517	803	1.374
OCATIONS					
TOTAL	44,003	18,388	14.892	•	10,744
	29.170	13, 159	8.667	•	7,344
	9.595	3.093	4.250	•	2,251
	625	352	273	•	•
	2.881	1. 160	116	•	8 10
04-06	1.753	624	790	•	339
DATOF	•				
	1.889.766	699,013	498.395	168,338	524.020
	1.251.893	468.216	329, 269	124.693	329,715
	900 790	220 664	102 013	25 482	98 554
	976. 195	0000	7 6 7	200	-
	50.103	12,933	4,402	2,000	1
01-03		52,465	34,472	10.668	59,907
10	200		027 66	-	25 022

. NOT APPLICABLE.

APPENDIX B-2

POPULATION OF E1.-E5's BY SUBREGION

GEOGRAPHICAL				1	
REGION	T0TAL D0D	ARMY	NAV	MARINE	AIR FORCE
CONUS					
TOTAL	924,659	304,537	282,565		242,146
EAST	608, 118	234,696	217,530	39,228	116,664
WEST	316.542	69.841	65,035		125,422
EUROPE	100	100	107	•	77%
DEDMANY	155 380	131 295	***	•	24.74
ITALY	7.477	*	7.477	•	*
ENGLAND	14,282	•	653	•	13,629
SPAIN	17,382	*	5,355	•	12,028
PACIFIC					
TOTAL	103,543	19,225	24,553	29,281	30,484
HAWAII	29,426	5.628	10, 135	10.477	3,186
JAPAN	40,576	3.590	5.994	18,805	12.187
KOREA	18,943	10.007	•	•	8,936
PHILIPPINES	10, 170	*	3,995	•	6,175
GUAM	4,429	•	4,429	•	•
OTHER LOCATIONS					
TOTAL	29, 170	13, 159	8,667	•	7,344
PANAMA CANAL	5.976	5.976	•	•	•
ALASKA	14,527	7, 183	*	•	7,344
GUANTANAMO BAY	8.667	•	8,667	•	•
TOTAL WORLDWIDE	1,251,893	468,216	329,269	124,693	329,715

ACT ADD TO A

# APPENDIX C CONFIDENCE LIMITS AND SIGNIFICANCE OF DIFFERENCES

#### CONFIDENCE LIMITS AND SIGNIFICANCE OF DIFFERENCES

An important issue in all prevalence surveys based on data obtained from samples of a population is the extent to which one can be confident that the prevalence estimates obtained accurately reflect the true prevalence for the entire population. That is, if every servicemember responded to the questionnaire, would the prevalence rate be substantially different from that obtained from the sample of personnel surveyed?

For any particular percentage given in the prevalence data tables, we cannot know exactly how much error has resulted from sampling. However, reasonably good estimates can be made of the range within which the responses of the total population would fall. The estimation of confidence limits for the results of the survey is a complex statistical procedure. The following formula has been used to determine asymmetric confidence limits at the 95% level of confidence for sample percentage estimates:

$$p_{L} = p' - 1.96 \left[ p_{L} (1-p_{L})/n \right]^{\frac{1}{2}}$$
 (1.3)  
 $p_{U} = p' + 1.96 \left[ p_{U} (1-p_{U})/n \right]^{\frac{1}{2}}$  (1.3)

Where:

 $\mathbf{p}_{\mathbf{L}}$  = the lower limit of the confidence interval

p' = the estimate based on the sample

n = the sample size

 $p_{tt}$  = the upper limit of the confidence interval

Table C-1 depicts the upper and lower confidence limits for sample estimates.

In comparing two sample estimates, it is important to determine whether the difference between the two estimates is statistically significant. That is, can the difference reasonably be attributable to sampling variations or is it "real". Table C-2 displays, for various sample sizes, the minimum difference between two percentage estimates that would be required for the difference to be statistically significant at the .05 level of confidence. For example, if a percentage result is 20 percent for E1-E5's and 15 percent for E6-E9's and the respective sample sizes were 1,000 and 500, there would have to be a difference of at least 5.6 percent for it to be considered a real difference and not attributable to chance. Thus, for this example, the difference would not be statistically significant at the .05 level.

ABLE C-I
CONFIDENCE LIMITS FOR SAMPLE ESTIMATES

							088	OBSERVED P	PERCENTAGE	AGE					
	۲.	1.0%	3	%0°	5.	%0`	10.0%	%0	20.0%	%0	30.0%	%(	40.0%	%0	50.0%
	'	+	1	+		+	1	+	1.	+	ı	+	ı	+	+1
n= 100	0.9%	6.7%	2.3%	7.8%	3.3%	8.6%	5.4%	10.2%	8.3%	11.9%	10.2%	12.6%	11.5%	12.72	12.4%
200	0.8%	3.8%	1.9%	4.8%	2.7%	5.5%	4.3%	6.7%	6.2%	8.1%	7.6%	8.7%	8.4%	9.0%	8.8%
300	0.7%	2.8%	1.7%	3.6%	2.4%	4.3%	3.6%	5.3%	5.2%	6.4%	6.2%	7.1%	7.0%	7.4%	7.3%
400	0.7%	2.2%	1.6%	3.0%	2.2%	3.5%	3.2%	4.5%	4.5%	5.5%	5.5%	6.1%	6.0%	6.3%	6.3%
200	0.6%	1.9%	1.5%	2.6%	2.0%	3.1%	3.0%	4.0%	4.2%	4.9%	5.0%	5.4%	5.4%	5.7%	5.6%
009	0.6%	1.7%	1.4%	2.3%	1.9%	3.0%	2.7%	3.5%	3.8%	4.5%	4.6%	5.0%	5.0%	5.2%	5.2%
700	0.6%	1.5%	1.2%	2.1%	1.8%	2.5%	2.5%	3.2%	3.5%	4.2%	4.3%	4.6%	4.5%	4.8%	4.8%
800	0.6%	1.4%	1.2%	2.0%	1.7%	2.3%	2.4%	3.0%	3.3%	3.8%	4.0%	4.3%	4.1%	4.5%	4.5%
006	0.5%	1.3%	1.1%	1.8%	1.6%	2.2%	2.3%	2.8%	3.2%	3.6%	3.7%	4.1%	4.1%	4.3%	4.3%
1000	0.5%	1.1%	1.1%	1.7%	1.5%	2.1%	2.2%	2.7%	3.0%	3.4%	3.5%	3.8%	3.8%	4.0%	4.1%
2000	0.4%	0.7%	0.8%	1.1%	1.1%	1.4%	1.6%	1.9%	2.2%	2.4%	2.6%	2.7%	2.8%	2.8%	2.8%
3000	0.4%	0.6%	0.7%	0.9%	0.9%	1.1%	1.4%	1.5%	1.8%	1.9%	2.1%	2.2%	2.3%	2.3%	2.3%
4000	0.3%	0.5%	9.0	0.7%	0.8%	0.9%	1.1%	1.3%	1.6%	1.7%	1.8%	1.9%	2.0%	2.0%	2.0%
2000	0.3%	0.4%	0.5%	0.6%	0.7%	0.8%	1.0%	1.1%	1.4%	1.5%	1.7%	1.7%	1.8%	1.8%	1.8%
10000	0.2%	0.3%	0.4%	0.5%	0.5%	29.0	0.7%	0.8%	1.0%	1.0%	1.2%	1.2%	1.2%	1.2%	1.3%
15000	0.2%	0.2%	0.3%	0.4%	0.4%	0.5%	0.6%	0.6%	0.8%	0.8%	0.9%	1.0%	1.0%	1.0%	1.0%
	+	-	+	-	+	-	+	1	+	-	+	-	+	'	+1
	99.0%	0%	97.	%0	95	%0.	90.0%	%0	80.0%	%0	70	.0%	09	20.09	50.0%
							088	OBSERVED P	PFRCENTAGE	AGF					
							3	,	LINGELLI	125					

TABLE C-2

DIFFERENCES REQUIRED FOR SIGNIFICANCE ACCORDING TO SAMPLE SIZE

		088	SERVED		NTAGE					OB.	SFRVED	PFRCFN	NTARE		
	10%	20%	25%	30%	35%	40%			10%	20%	25%		35%	403	
SIZE OF SAMPLES COMPARED	or 90%	or 80%	or 75%	or or 70% 65%	or 65%	or 60%	20%	SIZE OF SAMPLES COMPARED	or 90%	or 80%	or 75%	or 70%	or 65%	or 60%	50 <b>%</b>
3300 and 3300	1.9%	2.5%	2.7%	2.9%		-		1000 and 1000			6	2		.6%	5.7.
3000		2.6%	2.8%	•	•	一.	۲.		•		~.	4	•	. J.	5.8%
2500	2.0%	2.7%	2.9%	3.0%	3.2%	3,3%	3.3%	800	•	•	2.	5.	•	.98	5.0%
2000		2.9%	3.1%	•	•	S.	9	700	•	•	4	۲.		**	5.2%
1500		3.5%	3.4%	•	•	œ.	٥.	009	•		۲.	٥.		.4.	5.6%
1000		3.6%	4.0%	•	•	S.	٥.	200	•	•	0	٣.	•	£6.	7.0%
200		4.9%	5.3%	•	•	٥.	Τ.	400	•	•	9	6.	•	₹.	.5%
								300	5.0%	6.8%	7.3%	7.7%	8.0%	8.2%	8.4%
3000 and 3000	2.0%	2.6%	2.8%	0,	_	~	٣.	200			.2	٥.	•	200	9.6%
	2.1%	2.8%	3.0%	٦.	٣.	4	4	100			5.	٣.		79	3.3%
2000	2.2%	2.9%	3.2%	٣.	ഹ	9	9								
1500	2.4%	3.2%	3.5%	3.7%	3 8 8 8	4.0%	4.1%	900 and 900	9	ω.	2	5.5%	7	86	5.0.5
1000	2.8%	3.7%	4.1%	٣.	ς.	9.	7	1	1	0	4	5.7	6	7.0	5.2%
500	3.7%	4.9%	5.3%	9	20	0		200	. 89	_	ഹ	5.9%	-	2.5	7
								009		4	- ∞	6.14	4	ٷ	9 4 &
2500 and 2500		2.9%	-	۳.		2	9	2009	٣,	_		6.6	- α	70	, i
	•	3.0%	3.3%	κ.	•	۲.	ω	400	9			7.0%	.ب	ري. مخر	7.7%
1500		3.3%	9	ω,	•	_	2	300	· -	α,	4	7.8	_	<u>ب</u>	5.
1000	•	3.8%	~	4		7	α,	000	•		ع :	6		84.1	, .
200	3.7%	5.0%	5.4%	5.7%	5.9%	6.1%	6.2%	100	8.0%	10.7%	11.6%	12.3%	12.7%	3.2%1	3.4%
2000 and 2000	2.4%	3.2%	3.5%	۲.	œί	٥.	Τ.	800 and 800	æ,	Γ.	2.	æ	•	.23	5.34
1800	2.5%	3°,3%	3.5%	3.7%	4.0%	4.1%	4.2%	700	4.0%	5.3%	5.7%	6.0%	6.2%	6.4%	6.6%
1600	2.6%	3.4%	۲.	٥.	٣.	$\sim$	٣.	009	5	3	σ.	٣.	•	3	5.9%
1400	2.7%	3.5%	œί	٦.	ĸ,	4.	ς.	200	٣.	ω.	2	۲.	•	-	.3,
1200	2.8%	3.7%	~.	ω,	ъ,	Ġ	۲.	400	۲.	۲.	∞.	$\sim$		9.	.8%
1000	2.9%	4.0%	4.3%	S.	۲.	ω.	σ.	300	2	σ.	٦.	σ.	•	4	3.6
800	3.2%	4.3%	4.6%	٥.	٦.	$\sim$	٣,	200	0.	0.	~	٣.	•	97.1	
009	3.5%	4.8%	5.1%	4.	9.	œ	6	100	-	ဆ	œ	12.4		27.1	3.5.
400	4.2%	5.6%	9.0%	٣.	۲.	6.	0.								
200	5.7%	7.6%	8.2%	9	٥.	9.3%	.2								
								-							
		100		:											

(CONTINUED)

(CONTINUED)

TABLE C-2 (CONTINUED)

DIFFERENCES REQUIRED FOR SIGNIFICANCE ACCORDING TO SAMPLE SIZE

		0	BSERVED	PERC	뉨		1			č	OBSERVED	ت	REENTAGE		
	10%	20%	25%	30%	35%	40%			. o [	; n;	٠,٠	~	. 58	0.0	
SIZE OF SAMPLES COMPARED	90%	or 80%	or 75%	or 70%	or 65ુ	01 603	50°	SIZE OF SAMPLES COMPARED	.તે મા	2 à	95.	ž.	2 1 1 1	. 64 46	503
1800 and 1800	2.5%	3.4%	3.6%	∞	1 -		4.3:	700 and 700	4	•1			•7		≆.
	2.6%	3.5%	3.7%	_	2			Ī	: •1	, ,		••			_
1400	2.7%	3.6%	4.0%	~	₹.		9	906	.i +7	4	-:	-		~	,
1200	2.8%	3.8%	4.2%	4	9.			40€	-7	٠	•			·,	=
1000	3.0%	4.1%	4.4%	. 9	∞.						٠			÷	25 25
800	3.2%	4.4%	4.7%	ς.	.2			10.7				••		•	. · ·
009	3.6%	4.8%	5.2%	z.	۲.			<u>~</u>	•	-				  -	1 4 . ts
400	4.3%	2.6%	6.1%	6.4%	6.83	6.9	7.1"								
200	5.7%	7.6%	8.5%	۲.	٥.			600 and test	-, -,					•	<del>+1</del>
									-7				• • ,	<i>ئ</i>	•
1600 and 1600	2.7%	3.6%	4.0%	۲,		₹ <b>.</b> 4	5.	40°	 					i,	• •
1400	2.8%	3.7%	4.1%	ĸ,		4.6%	۲.	300	et u^	•	٠. •		\$	30 3	G
1200	2.9%	3.8%	4.3%	ς.		4.8%	6.	200	۔ ټ	~ ,	-	۱. ۲	-		•
1000	3.1%	4.2%	4.5%	۲.		5.0%	_	100	<b>a</b> c	· 	_:				13.7
800	3.3%	4.4%	4.8%	_		5.4%	.2								
009	3.6%	4.9%	5.3%	5.6%	5.8%	5.9%	6.1.	500 and 500				## Fo			8.0:
400	4.3%	5.5%	6.1%	۰.		7.0%	Τ.	400			+ <del>7</del>	,	<u>.</u> z		× 2.
200	5.7%	7.6%	8.3%	۲.		9.4%	٩.	300			= T	ر. ان			9.3
								200	6.3	χ. 5.	~	т Т	=	0.4:	10/6:
1400 and 1400	2.9%	3. 8.	4.2%	₹.	•	۲.	œί	100				x.			13.93
1200	3.0%	4.1%	4.4%	4.6%	<b>4</b> .8%	4.9%	5.0%								
1000	3.1%	4.3%	4.6%	φ.	•	۲.	٣.	400 and 400	5.4:	1.1		: :		30 30	0.5
800	3.4%	4.5%	4.9%	۲.	•	٠,	9.	300	5.8	7.8:	▼: ∷	<del>်</del> အ	٠٤.۴	ب ج	8.
009	3.7%	5.0%	5.4%	۲.	•	٣.	۲.	200	۲.	8. 8.		10.1	10.5	10.8	D. E
400	4.4%	5.8%	6.5%	۲.	•	Т.	5.	100	5.	11.4		13.1.		13.9	; ==
200	5.8%	7.7%	8.3%	ά	•	ς.	۲.								
								300 and 300			ίο.	.9.6	9.4	.,	10.4
1200 and 1200	3.1%	4.2%	δ.	œ		Ξ.	٠,	500	7.0%	9.3	10.1	10.6	 	7	19.1
1000	3.2%	4.4%	۲.	٥.	•	٤,	4.	100			. 7 .	18.57	7		14.8.
800	3.5%	4.7%	٥.	٣.	•	۲.	æ								
009	3.8%	5.7%	٠.	ω.	•	۲,	٣.	200 and 200	7.6	10.2	11.03	,1.6,	15.)	. ; : : :	13.7.
400	<b>4.</b> 0	5.9%	% • %	% 6.0 6.0	7.0%	7.2%	7. % %	100	₹.	12.5%	•	14.4			15,63
007	90.0	90.	<b>*</b> .	γ.	•	٥.	Ö	7	0	L		-		17 7.	:
								1 100 and 100	10.8.14	.0.	0.0		· · · · ·	/ -	= .: -:

APPENDIX D

NUMBER OF RESPONDENTS

TABLE D-1
NUMBER OF RESPONDENTS

		TOTAL		SER	SERVICE	
REGION/PAY GRADE		000	ARMY	NA V	MARINE CORPS	AIR
CONUS						
TOTAL	-	8.286	2.345	2.802	1.194	1.945
E1-E5		5,475	1,545	1,927	873	1.13
E6-E9		1,717	527	635	188	367
	-	74	35	23	16	
01-03		624	165	152	19	2.4
04-06		396	73	65	50	208
EUROPE						
TOTAL	-	-	923	557	•	84
£1-E5.		1,547	099	361	•	526
		476	175	128	•	17
		8-	4	4	•	
01-03	-	163	46	32	•	80
04-06		125	28	32	•	٧
PACIFIC	-	_				
TOTAL	:	3,766	1.076	1.084	624	86
E1-E5	-	2,531	629	738	478	959
E6-E9.	:	836	283	245	94	21
	-	37	- 61	C.	'n	
	:	223	69	59	29	99
04-06	:	139	46	58	18	7
OTHER LOCATIONS						
TOTAL		887	279	228	•	38
E1-E5	:	601	195	135	•	27.
E6-E9.	-	202	65	69	٠	6.8
W1-W4	-	9	e	က	•	
		47	9	0	•	~
04-06	- :	3.	9	Ξ	•	-
TOTAL WORLDWIDE						
TOTAL		15,268	4.623	4.671	1.818	4, 156
E1-E5		10, 154	3,059	3, 161	1,351	2.58
E6-E9.		3,231	1,050	.07	282	822
W1-14		135	1.2	43	2.1	
01-03	:	1.057	290	253	96	418
04-06		69	- 15	137	8.9	ברנ

. NOT APPLICABLE

TABLE 0-2

NUMBER OF E1-E5 RESPONDENTS

GEOGRAPHICAL REGION				SENVICE	
	TOTAL	ARMY	NAVY	MARINE	AIR FORCE
CONUS					
TOTAL	5,475	1,545	1.927	873	1, 130
EAST	3,612	1,236	1,379	492	505
WEST	1,863	309	548	381	625
EUROPE					
TOTAL	1.547	099	361	•	526
GERMANY	859	099	•	•	199
ITALY	181	•	181	•	•
ENGLAND	198	•	27	•	171
SPAIN	309	•	153	•	156
PACIFIC					
T0TAL	2,531	629	738	478	656
HAWAII	652	201	246	115	0 <b>6</b>
CAPAN	1.0.1	106	292	363	250
KOREA	545	352	•	•	193
PHILIPPINES	214	•	-6	•	123
GUAM	109	•	109	•	•
OTHER LOCATIONS					
TOTAL	601	195	135	•	271
PANAMA CANAL	9.2	85	•	•	•
ALASKA	381	110	•	•	271
GUANTANAMO BAY	135	•	135	•	•
201301003	74	2 050		200	6
TOTAL WORLDWIDE	700	8co.s	50.5	100.	2.583

. NOT APPLICABLE.

APPENDIX E VALIDITY

#### VALIDITY

An issue of concern in any survey in which respondents are asked questions that are sensitive or possibly threatening is the validity of the responses. That is, to what extent have the respondents answered truthfully or, even if they consciously attempted to answer truthfully, to what extent have the unconsciously suppressed from their memories sensitive or potentially threatening information? In this survey, a number of steps were taken to minimize the validity problem in designing the questionnaire and administration procedures and in conducting the survey. Several special analyses were conducted following the Pilot Test and after completion of the survey to determine the extent to which the responses were valid.

#### Face Validity

Face validity is concerned with the issue of whether the instrument and administration procedures used provide bases for an informed judgment that they are conducive to valid responses. The first indication of this is in the questionnaire itself.

The questionnaire was constructed by using, to a considerable extent, questions that had been used and found adequate in previous surveys of military and/or civilian populations. All questions required only a low level of reading comprehension, contained no abstract concepts, were simply formatted for recording responses, and were not

interdependent. The questionnaire was pretested on a representative group of military personnel at one installation. Each respondent was interviewed individually by a BAI senior staff person following his/her completion of the question-naire. In these sessions, the respondent was asked to comment on the questionnaire page-by-page in terms of ambiguities, adequacy of format, sufficiency of response categories, the extent to which he/she felt threatened by any items and whether he/she answered truthfully. The instrument was revised in light of the information obtained from the pretest.

A Pilot Test was then conducted with random samples of 1,284 military personnel at four installations (one for each Military Service). This was principally for the purpose of testing the sampling and administrative procedures, but served as a further pretest of the instrument. Ten percent of the respondents were randomly selected to participate in group interviews. The purposes of these group interview sessions were: (1) to determine whether any remaining difficulties existed with the instrument in terms of ambiguities, adequacy of format and sufficiency of response categories; and (2) principally to probe for any feelings by the respondents of being threatened and obtain feedback on whether they answered truthfully. Discussions included advice from the respondents on how the promises of confidentiality could be made as reassuring as possible. Based on the Pilot Test, some revisions were made in the procedures in order to enhance

the credibility of the confidentiality assurances. Analysis of the Pilot Test data revealed problems with some question-naire items in terms of clarity and formatting. The instrument and procedures were revised, on the basis of the Pilot Test results, in an effort to eliminate the problems identified.

The instrument was then reviewed by four leading experts in the drug and alcohol use survey field and the DOD Technical Representative; they agreed that the questions and formatting were appropriate.

The procedures implemented provided further reassurance of response validity. These included assurances, in accordance with the Privacy Act, of anonymity of the respondents and confidentiality of responses. The procedures used were designed to reassure the respondents. For example, the respondents were informed of the random process of selection; officers and enlisted personnel of all pay grades were assembled together in large questionnaire administration sessions; no military proctors or observers were permitted in the room; the respondents placed completed questionnaires in a single box; no personal identifying information was placed on the questionnaire; etc.

In view of the above it can be concluded that face validity has been demonstrated, and that the questionnaire and procedures should be expected to yield valid responses.

### Construct Validity

The results of both the Pilot Test and the worldwide survey provide substantial evidence of construct validity in that: (1) substantial numbers and proportions of respondents gave positive answers to sensitive questions; (2) distributions of responses are in the expected direction; (3) prevalence of drug use is negatively correlated with pay grade; (4) the frequency of heavy drug and alcohol use is correlated with consequences of drug and alcohol use; (5) prevalence estimates correspond closely to those from a recent survey of Air Force personnel. Each of these indicators of construct validity are discussed in the following paragraphs.

Thirty-six percent of the total sample and 50 percent of El-E5's admitted to using one or more drugs nonmedically during the past 12 months. Similarly, 83 percent of the respondents indicated alcohol use during the past 30 days. Substantial proportions of these respondents also admitted having experienced adverse consequences because of their drug and alcohol use.

The distributions of responses are in the expected directions in that the patterns of prevalence by drug type are roughly as expected, with the highest prevalence being for marijuana use and the lowest for heroin use.

Prevalence of nonmedical drug use is clearly correlated with pay grade in that junior enlisted respondents reported substantially higher rates of use than other respondents.

This is to be expected because of their younger age and the pattern is consistent with findings of other surveys.

Another indication of construct validity is shown by Pilot Test data comparing the responses to questions on frequency of drug and alcohol use with those for consequences of use. For example, Figure E-1 depicts the obvious connection between use of drugs and consequences of drug use. Among those who indicated that they been high on drugs for more than one day at a time in the past 12 months, 62 percent had used drugs "frequently" but only 16 percent had used drugs "sometimes." Similarly, other consequences reported are consistent with respondents' drug use. This type of relationship also holds true for alcohol use.

Estimates of prevalence and consequences derived from the full-scale survey were compared to the results of a survey of Air Force personnel conducted by RAND in 1977. The findings of the two studies of alcohol use among Air Force personnel are remarkably similar, when one considers that they were conducted three years apart and that the present study could have been viewed by respondents with a somewhat different mind-set. While it asked virtually the same drinking questions as the RAND study, the BAI study also included nonmedical use of illicit drugs.

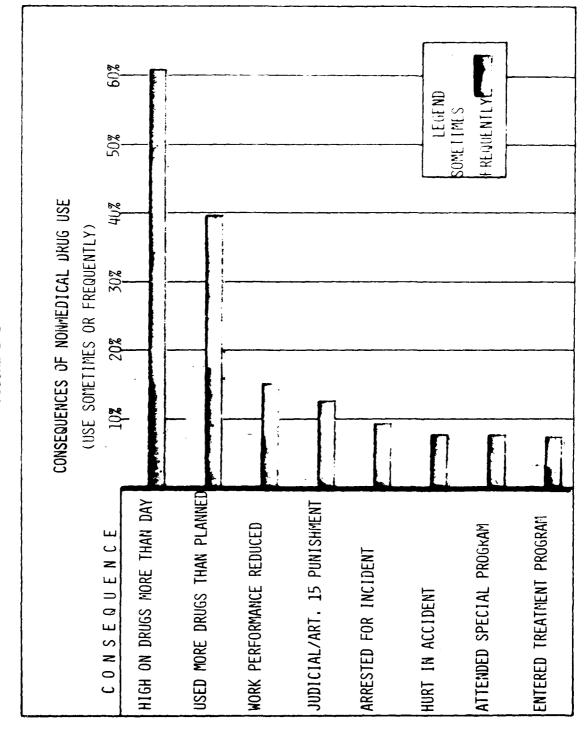


FIGURE E-1

ALC: N

The only material difference appearing in Table E-1 is the 5 percent difference in those reporting they had drunk no beer in the past 30 days. Since there was no such difference found for wine or liquor, one might infer that this 5 percent difference in beer drinking might have been caused by a seasonal difference. The BAI survey was conducted in February through April and the RAND survey was conducted in the heavier beer consuming month of June. In any event, the fact that the findings are so similar, lends additional reassurance as to the validity of responses to questions on drinking behavior in the present survey, even despite the three year hiatus and the fact that one survey included questions on consumption of illicit drugs as well as legal alcohol.

Another, similar comparison can be made between the two surveys with regard to consequences of alcohol use.

Table E-2 shows the percentage reporting any of ten consequences suffered during the past 12 months because of use of alcohol. The differences are almost negligible.

# Concurrent Validity

The strongest indication of response validity is concurrent validity. BAI had planned to utilize this type of validity measure by obtaining urine specimens anonymously from Pilot Test respondents immediately following completion of the questionnaire. Results of the urinalysis tests could then be compared for the total sample to answers of questions

TABLE E-1

FREQUENCY OF DRINKING IN PAST 30 DAYS
AMONG AIR FORCE PERSONNEL

(PERCENTAGE)

FREQUENCY OF DRINKING	BAI 1980 SURVEY	RAND <sup>1</sup> 1977 SURVEY
BEER NONE	31	26
1-3 DAYS PER MONTH 1-2 DAYS PER WEEK	30 20	29 23
3-4 DAYS PER WEEK	12	12
5 OR MORE DAYS PER WEEK	7	10
WINE	60	60
NONE 1-3 DAYS PER MONTH	60 28	58 30
1-2 DAYS PER WEEK	8	8
3-4 DAYS PER WEEK	2	2
5 OR MORE DAYS PER	•	2
WEEK	1	2
LIQUER	_	
NONE	50	52
1-3 DAYS PER MONTH	33	31
1-2 DAYS PER WEEK	1]	1]
3-4 DAYS PER WEEK 5 OR MORE DAYS PER	4	4
WEEK DATS TEK	2	3

SOURCE: POLICH, J. MICHAEL AND ORVIS, BRUCE, ALCOHOL PROBLEMS:
PATTERNS AND PREVALENCE IN THE U.S. AIR FORCE (SANTA, MONICA: RAND), 1979.

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TABLE E-2

CONSEQUENCES OF ALCOHOL USE DURING PAST 12 MONTHS

(PERCENTAGE OF AIR FORCE PERSONNEL)

CONSEQUENCES	BAI 1980 SURVEY	RAND <sup>2</sup> 1977 SURVEY
ILLNESS KEPT FROM DUTY 1 WEEK OR LONGER	1	1.2
GOT LOWER SCORE ON EFFICIENCY OR PERFORMANCE REPORT	1	1.5
RECEIVED JUDICIAL OR ARTICLE 15 PUNISHMENT	1	1.2
ARRESTED FOR DRIVING AFTER DRINKING	2	1.8
ARRESTED FOR NON-DRIVING DRINKING INCIDENT	1	1.3
INCARCERATED DUE TO DRINKING	1	1.1
HURT IN ACCIDENT CONNECTED WITH DRINKING	2	1.5
DRINKING CAUSED ACCIDENT WHERE OTHERS HURT OR PROPERTY DAMAGED	1	1.9
SPOUSE THREATENED TO LEAVE	1	.7
SPOUSE LEFT	+	.6

<sup>1</sup> ONE OR MORE OCCURRENCES IN THE PAST 12 MONTHS

<sup>&</sup>lt;sup>2</sup>SOURCE: POLICH, J MICHAEL AND ORVIS, BRUCE, <u>ALCOHOL PROBLEMS</u>:
PATTERNS AND PREVALENCE IN THE U.S. AIR FORCE (SANTA, MONICA: RAND), 1979.

<sup>+</sup> LESS THAN 0.5 PERCENT.

concerning recent use of drugs. However, a decision was made by the DOD not to implement the urinalysis phase because of concern that the news of this procedure would spread to personnel at other survey sites and jeopardize the later administration of the questionnaire.

APPENDIX F
RESPONSE RATES

TABLE F-1
RESPONSE RATES

		SERVICE					
SAMPLES	TOTAL DOD	ARMY	NAVY	MARINE CORPS	AIR FORCE		
PROJECTED	19,582	6,239	5,202	2,861	5,280		
EXCLUSIONS	3,227	1,157	286	855	929		
AVAILABLE	16,355	5,082	4,916	2,006	4,351		
RESPONDENTS	15,268	4,623	4,671	1,818	4,156		
NO SHOWS	1,054	457	243	181	173		
REFUSALS	33	2	2	7	22		
RESPONSE RATE (%)	93	91	95	91	96		

 $<sup>^{1}</sup>$ COMPUTED AS # RESPONDENTS  $\div$  # AVAILABLE

# APPENDIX G COMPUTATION OF MEAN DAILY CONSUMPTION OF ETHANOL

# COMPUTATION OF MEAN DAILY CONSUMPTION OF ETHANOL

The algorithm used to compute the mean daily comsumption of ethanol for each respondent is a modified version of the procedure employed by Polich and Orvis<sup>1</sup> in the 1977 survey of alcohol use in the Air Force conducted by RAND. The essential difference is that this algorithm employs each individual's estimate of the ounces of hard liquor in their average drink, while the RAND procedure used one ounce for each individual. Because most respondents in this DOD-wide survey indicated that their average drink contained more than one ounce, we believe this revision was warranted. The detailed algorithm is presented on the next page followed by a narrative explanation.

<sup>1&</sup>lt;sub>Op. cit.</sub>

 $<sup>^{2}</sup>$ The range of responses was one to five ounces; the mean response was 1.7 ounces.

Ethanol Consumption Algorithm By Individual

# Typical Drinking

1. Determine frequency of consuming each beverage during the past 30 days (Q.23, 25, 28).

Note: if range use midpoint (e.g., 5-6=5.5)

 Determine typical quantity of each beverage consumed during past 30 days. (Q. 24, 26, 29)

Note: if a range use midpoint (e.g., 8-11=9.5)

3. Compute number of ounces of each beverage consumed on an average day:

Ounces of Beer  $(O_B)$  = Frequency (Q.23) x \* Drinks (Q.24) x 12

Use These Frequency Codes	
Response	Frequency Code
Every day 5-6 days a week 3-4 days a week 1-2 days a week <weekly (i.e.,="" 1-3="" beer<="" didn't="" drink="" mo.)="" td="" times=""><td>1.000 0.786 0.500 0.214 0.067 0.000</td></weekly>	1.000 0.786 0.500 0.214 0.067 0.000

Ounces of wine  $(O_w)$  = Frequency (Q.25) x # Glasses (Q.26) x 4

Ounces of hard liquor  $(O_L)$  = Frequency (Q.28) x # Drinks (Q.29)x # Ounces (Q.30)

Į	Use The	se Ounces	Codes For Q. 30
1½ ( 1½ (	ounce	= 1.00 = 1.25 = 1.50 = 2.00	<pre>3 ounces = 3.00 4 ounces = 4.00 5 ounces = 5.00 Didn't drink = 0.00 No response = 1.00</pre>

- 4. Create two wine variable:
  - $O_W^1 = 1$  if a "regular" wine; 0 otherwise
  - $O_{\mathbf{W}}^2 = 1$  if a "fortified" wine; 0 otherwise

5. Compute daily ounces of ethanol consumed (OE):

$$OE_B = O_B (.04)$$
  $OE_W^2 = O_W (.18) \cdot O_W^2$   
 $OE_W^1 = O_W (.12) \cdot O_W^1$   $OE_L = O_L (.43)$ 

# Atypical Drinking

6. Determine frequency of consuming 8 or more drinks (Q.32, 33,34). Define beer as  $AD_B$ , wine as  $AD_W$ , and hard liquor as  $AD_L$ .

Use These Frequency	Codes (AD)
Response	Frequency Code
Every day	365
5-6 days a week	286
3-4 days a week	182
1-2 days a week	78
1-3 days a month	24
1 or more, not monthly	5.5
Never	0

7. Define/compute ounces of ethanol on atypical drinking day:

Beer = 3.8 (i.e., 
$$8 \times 12 \times .04$$
)  
Wine = 3.8 (i.e.,  $8 \times 4 \times .12$ )  
Liquor (OE<sup>AD</sup><sub>L</sub>) =  $8 \times *$  ounces (Q.30\*)  $\times .43$   
\*Use ounces codes

8. Compute mean daily consumption of ethanol  $(MDC_{\scriptscriptstyle \rm E})$ 

# Define The Variables:

 $\mathtt{MDC}_{\mathtt{E}}$  = Mean daily consumption of ethanol

AD<sub>B</sub> = Number of atypical drinking days--beer

 $AD_{W}$  = Number of atypical drinking days--wine

 $AD_L$  = Number of atypical drinking days--hard liquor

$$\begin{aligned} \text{OE}_{\text{B}} &= \text{Daily ounces of ethanol--beer} \\ \text{OE}_{\text{W}}^1 &= \text{Daily ounces of ethanol--fortified wine} \\ \text{OE}_{\text{W}}^2 &= \text{Daily ounces of ethanol--wine} \\ \text{OE}_{\text{L}} &= \text{Daily ounces of ethanol--hard liquor} \\ \text{OE}_{\text{L}}^{\text{AD}} &= \text{Daily ounces of ethanol consumed on atypical drinking day--hard liquor} \\ \text{MDC}_{\text{E}} &= \underbrace{\begin{bmatrix} 3.8\text{AD}_{\text{B}} + \text{OE}_{\text{B}} & (365 - \text{AD}_{\text{B}}) \\ 365 \end{bmatrix}}_{365} \\ &+ \underbrace{\begin{bmatrix} 3.8\text{AD}_{\text{W}} + \text{OE}_{\text{W}}^1 & (365 - \text{AD}_{\text{W}}) + \text{OE}_{\text{W}}^2 & (363 - \text{AD}_{\text{W}}) \end{bmatrix}}_{365} \\ &+ \underbrace{\begin{bmatrix} \text{OE}_{\text{L}}^{\text{AD}} & (\text{AD}_{\text{L}}) + \text{OE}_{\text{L}} & (365 - \text{AD}_{\text{L}}) \end{bmatrix}}_{365} \end{aligned}$$

First, average daily ounces of ethanol consumed by an individual on a typical drinking day during the past 30 days was computed based upon the responses to the frequency of use of each type of beverage (Q. 23, 25 and 28) and the number of drinks (Q24, 26 and 29). If a respondent consumed a given type of beverage "every day," the probability of this respondent drinking on a given day will be 1.000. By the same token, if a person responded "1-2 days a week" to the frequency questions, the probability of the person drinking on a given day will be 0.214 (i.e., 1.5/7). In this manner, the ounces of beer, wine and hard liquor consumed by a respondent was computed by multiplying the probability of drinking on a given day of each type of alcoholic beverage by the number of drinks. "One drink" is defined as 12 ounces for beer, 4 ounces for wine, and for

hard liquor, respondents were asked to specify the ounces for "one drink" (Q. 30). The daily ounces of beer consumed, for example, will be given by the probability of drinking beer x number of drinks x 12. Because some respondents might not have known the typical quantity they consumed and therefore left the question unanswered, missing values for the quantity variables were given the minimum quantity (i.e., "one drink" for beer and wine and "one ounce" for hard liquor) in the computation.

The daily ounces of beer, wine and hard liquor consumed are then converted to the daily ounces of ethanol consumption by multiplying each by the amount of ethanol contained per ounce of each type of the beverage (i.e., .04 for beer, .12 for regular wine, .18 for fortified wine\* and .43 for hard liquor).

In addition to measuring the pattern of drinking behavior over a 30-day period, the mean daily consumption of ethanol computation as formulated for this study takes episodic or atypical drinking patterns into account. That is, some respondents might not have consumed any alcoholic beverages at all during the past 30 days but might have consumed eight or more drinks of alcoholic beverages over a 12-month period, or some might have consumed more than usual amount of alcohol during the past 12 months but not during the past 30 days, or

<sup>\*</sup>Respondents were asked if they usually drink regular wine or fortified wine (Q. 27). If no response is given to this question, it was assumed to be regular wine.

heavy drinking (that is, drinking more than eight drinks or more) might have been the usual practice, etc. Taking these possible drinking patterns into consideration, the ounces of alcoholic beverages consumed on an atypical drinking day were calculated in a similar manner as for the typical drinking day except that the frequency of consuming eight or more drinks (Q. 32, 33 and 34) is based on the number of days during the past 12 months so that the results of computations represent the number of ounces consumed during the year rather than a given day.

The mean daily consumption of the total volume of ethanol per each respondent, therefore, is the sum of the total volume of ethanol consumed in episodic drinking days and the total volume of ethanol consumed in other than atypical drinking days during the past 12 months divided by 365.

APPENDIX H
QUESTIONNAIRE

# PERSONNEL SURVEY

The Department of Defense is sponsoring a survey of military personnel concerning drug and alcohol use. This survey is being conducted for the Department of Defense by Burt Associates, Inc., a private research organization.

You are requested to complete this self-administered anonymous questionnaire. Do not write your name or Social Security Number anywhere on the questionnaire. No Department of Defense personnel will see your personal responses to the questionnaire once it is completed.

The information is required to provide a basis for research and analysis by Burt Associates, Inc. concerning drug and alcohol use among military personnel. The Office of the Assistant Secretary of Defense (Health Affairs) has the primary responsibility for utilization of the survey results to manage Department of Defense drug and alcohol abuse programs.

Participation in this survey is voluntary. No penalty will be imposed for failure to respond to any particular questions.

DIRECTIONS: Your responses will be read by an optical mark reader. Your careful observance of these few simple rules will be most appreciated.

- Use only the black lead pencil provided.
- Make heavy black marks that fill the circle for your answers.
- Erase cleanly any answer you wish to change.
- . Make no stray markings of any kind on this booklet.

EXAMPLES:

**Proper Marks** 

Improper Marks



×

**Burt Associates, Incorporated** 

5. What is your marital status?

Married

Separated

# DO NOT PLACE YOUR NAME OR SOCIAL SECURITY NUMBER ANYWHERE ON THIS QUESTIONNAIRE.

4. What do you consider to be your

main racial or ethnic group?

White Caucasian

	İ	(Not of Hispan	ic Grigini	Divorced				
2. Are you male o	r female?	Afro American	Biack	<b>W</b> ∙dowed				
Male	Female	(Not of Hispan	iic Origini	Never marr	Never married			
	Ì	Hispanic 'Chican	o/Mexican					
3. How old were yo	ou on your last birthday?	Puerto Rican/C	luban/Latin	6. What is your p	ay grade?			
17 or under	25	Oriental/Asian/F	Pacific	Enlisted	Officer			
18	26	Islander		Εt	Officer Trainee			
19	27	American Indian	n/	E2	W1-W4			
20	28	Alaskan Native		£3	01			
21	29	Other		E4	02			
22	30-34			E5	- 03			
23	35-39			E6	O4 or higher			
24	40 or over			E7 or higher				
7. What is your cu	rrent primary MOS/RATING	G/DESIGNATOR/AFSO	;; U	se the box that applies t	o your <b>Service</b> .			
<del></del>	ARMY			AIR F	ORCE			
ENLISTED AND	COMMISSIONED	FIRST SECONO NUMBER NUMBER	THIRD LETTER/ NUMBER	Record the first two (2) numbers of your current	FIRST SECOND NUMBER NUMBER			
OFFICERS: Reco	ord your current Primary	<u> </u>		Primary AFSC.	r <del>&gt;</del>			
MOS using the firs	t two (2) numbers and		ANO	Po not use letters.  (For example,				
	ample, MOS 63A would		801	AFSC A43130C				
be marked as 63A.	.)	2 2 2	C P 2	would be marked	2     2			
WARRANT OFF	0500 0 44 0	3 3	D Q 3	43.)	3 3			
	CERS: Record the first of your Primary MOS.	4   4	E R 4					
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1. What is your Service?

Marine Corps

Air Force

Army

Navv

8. What is your highest level of education now?

Did not graduate from high school GED high school graduate equivalent

High school graduate

Trade or technical school graduate

Some college but not a 4-year degree

4-year college degree (BA, BS, or equivalent)

Graduate study but no graduate degree

Graduate degree

9. How long have you been on active duty?

6 months or less

1, 25-48 months 49 months ~ 20 years

7-12 months 13-24 months

More than 20 years

10. How such do you weigh?

181 to 200 lbs

100 lbs or less 101 to 120 lbs

201 to 220 lbs

121 to 140 lbs 141 to 160 lbs 221 to 240 lbs

Over 240 lbs

161 to 180 lbs

11. In what type of housing do you currently live?

Civilian housing

Military housing:

On board ship

Barracks or bachelor quarters

On-base military family housing

Off-base military family housing

12. Is your wife/husband (spouse) with you at your present duty location?

Yes, my spouse is with me.

No, my spouse is not with me.

I am not presently married.

13. Do you plan to remain in the Service when your present term, enlistment, or commitment is up?

Doesn't apply, indefinite obligation

Yes

Probably yes

Probably no

No

Don't know/not sure

The word installation, as used in this questionneirs, refers to your post, camp, base, station, ship, or other duty location at the time you are completing this questionneire.

14. How long have you been at your present installation?

1 month or less

7-12 months

2-3 months

13-24 months

4-6 months

25 or more months

15. During the past 30 days, how many days were you present for duty at this installation?

None

7-14 days

1-2 days

15-29 days

3-6 days

30 days

16. During the pest 30 days, how many days were you deployed at sea or in the field for 24 hours or more?

None

7 - 14 days 15-29 days

1-2 days 3-6 days

30 days

17. When was the last time you were deployed at sea or in the field for 24 hours or more?

Never deployed at sea or in the field

1-7 days ago

8-14 days ago

15-30 days ago

31-59 days ago

2-3 months ago

4-6 months ago

7-12 months ago

More than one year ago

18. During the past 30 days, how much of the time did you work in jobs outside your current primary rating/ designator/MOS/AFSC?

All of the time

Some of the time

Most of the time

None of the time

About half of the time

19. How much of the time do you feel satisfied with your current job?

All of the time

Somewhat less than

Most of the time

About half of the time

half the time None of the time

20. How many people do you supervise most of the time?

None

11-15

1-5 6-10

16-20 Over 20

21. What type of duty have you performed most in the last 30 days?

Basic/Recruit training staff

Advanced training staff

Operational unit

Student/trainee

Other

HERE ARE SOME QUESTIONS ABOUT YOUR DRINKING

The following questions ask about your pest and current use of beer, wine, or hard liquor. Please take your time on these questions and answer as accurately as possible.

22. How long has it been since your last drink of beer, wine, or hard liquor?

Today

1-7 days ago

8-14 days ago

15-30 days ago

31-59 days ago

2-3 months ago

4-6 months ago 7-12 months ago

More than one year ago

Never drank any beer, wine, or hard liquor

23. During the past 30 days, on how many days did you drink beer?

Every day

5-6 days a week

3.4 days a week

1.2 days a week

Less often than weekly

Didn tidrink any beer in the past 30 days

24. Think about those days on which you drank beer during the past 30 days. How much beer did you usually drink on one of those days?

#### Drink = 12-ounce can, 12-ounce bottle, or 12-ounce glass.

1 drink

3 drinks (one quart)

4 drinks

5 drinks (two quarts)

7 drinks

8-11 drinks (three or four quarts)

12-17 drinks (five or six quarts)

18 or more drinks (seven or eight quarts).

Didn't drink any beer in the past 30 days.

## 25. During the past 30 days, on how many days did you drink wine?

Every day

5-6 days a week

3-4 days a week

1-2 days a week

Less often than weekly

Didn't drink any wine in the past 30 days

## 26. Think about those days on which you drank wine during the past 30 days. How much wine did you usually drink on one of those days?

1 wine glass (4 oz.)

, 2 wine glasses

3 wine glasses (12 oz. - about half a fifth or bottle)

4 wine glasses

5 wine glasses

6 wine glasses (24 oz. - about one fifth or bottle)

7 wine glasses

8-11 wine glasses

12 wine glasses (48 oz. - about two fifths) More than 12 wine glasses or more than

two fifths

Didn't drink any wine in the past 30 days

27 During the past 30 days, did you usually drink a regular wine or a fortified wine such as sherry, vermouth, port, or Dubonnet?

Didn't drink wine

A regular wine

A fortified wine (like sherry, vermouth, port, or Dubonnet-

## 28. During the past 30 days, on how many days did you drink hard liquor?

Every day

1-2 days a week

5-6 days a week

Less litter than weekly

3-4 days a week

Didn't drink any hard liquor in the past 30 days.

## 29. Think about those days on which you drank hard liquor during the past 30 days. How much hard liquor did you usually drink on one of those days?

1 drink 8 drinks

2 drinks 9-11 drinks 12-14 drinks 3 drinks

15-17 drinks 4 drinks 18-24 drinks 5 drinks 6 drinks 25 drinks or more

7 drinks Didn't drink any hard liquor in the past 30 days

## 30. About how many ounces of hard liquor were there in your average drink?

3 ounces One ounce 1'4 ounces 4 ounces

1's ounces 5 ounces 2 ounces Didn't drink any hard liquor in the past 30 days

# 31. During the past 30 days, on about how many days did you drink beer, wine, or hard liquor at EACH of the times indicated below? (Mark one circle for

each time period below! 1-2 Answer A thru E 5-6 Often

A Two hours or less before going to work.

B. At lunch. . .

C. During a work break . . . .

D. While working . . . . . . . E. After work .

## NOW THINK ABOUT THE PERIOD OF THE PAST 12 MONTHS FROM TODAY BACK TO 12 MONTHS AGO.

## 32. During the past 12 months, on how many days did you drink 8 or more cans, bottles, or glasses of beer (3 quarts or more) in a single day?

Every day 1-3 days a month

5-6 days a week 1 or more days in the past 12 months but

not monthly 3-4 days a week

Never in the past 12 months 1-2 days a week

## 33. During the past 12 months, on how many days did you drink 8 or more glasses of wine (more than a fifth) in a single day?

1-3 days a month Every day

5-6 days a week 1 or more days in the past 12 months but

not monthly 3-4 days a week

1-2 days a week Never in the past 12 months

## 34. During the past 12 months, on how many days did you drink 8 or more drinks of hard liquor (# half pint of more) in a single day?

Every day

1-3 days a month

5-6 days a week 1 or more days in the past 12 months but

3-4 days a week not monthly

Never in the past 12 months 1-2 days a week

			a the same a					
<b>35</b> .	Since you arrived at your present install last installation?	ation, are you drinking mor	-, 1/4 241/4 2	mount, or le	es trien	you ala a	t your	
	Did not drink before or after	More at present install	ation	Less i	it presen	rt installa	t-on	
	arriving at this installation	The same amount		-			ion in the	Service
<b>36</b> .	. If you don't now drink beer, wine, or hi	ard liquor, how important a	re each of the	t following r	easons f	or your d	lecision)	
	A I drink beer, wine, or hard liquor		•		•			
	I don't drink beer, wine, or hard i	• • •	-K below)					
		4						
	(Mark one circle for each reason)				Very portant	So: Impor		No Imp vrtano
	B. Parents or relatives disapprove							
	C. Friends disapprove							
	D. Against my religion							
	E. Afraid of what it might do to my hea							
	F. Had a bad experience with it							
	G Too costly							
	H. No desire to experience effects							
	1. Might interfere with my work or oth	•						
	J. Tried it, but was not interested K. Medically restricted							
	K. Medically restricted		• • • • • • • • •					
<b>37</b> .	People drink beer, wine, or hard liquor (		s. How impo	ortant are ea	ch of th	e followi	ng reasons	for
	your drinking? (Mark one circle for eac	•	Very	Fairly Important		Not at A		Don't Drin At Ali
	A. I drink to be friendly or social			•				
	B I drink to forget my worries							
	C. I drink to relax		e Nazira da da da da da da da da da da da da da					
	D. A drink helps cheer me up when I am	n in a bad mood	د جو جو جو					
	E. A drink helps me when I am depresse	ed or nervous	$\hat{}$					/
	F. I drink when I am bored and have no	•	. Q					
	G. I drink when I am bored and have no G. I drink to increase my self-confidence	•	. Q					
~~	G. I drink to increase my self-confidence	e	. Q			e e e superior		
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DRUG	EXAMPLES
Marijuana	"Pot," "Grass"
Hashish .	"Hash"
PCP	"Angei Dust"
Other Hallucinogens	LSD. Mescaline, Peyote, STP, DOM, DMT, Psilocybin
Cocaine	"Coke," "Snow"
Amphetamines	Benzedrine, "Bennies," Methadrine, Dexedrine, "Speed"
Other Uppers	Prefudin, Ritalin, Sandrex
Tranquilizers	Valium, Librium, Miltown
Barbiturates	Seconal (reds), Nembutal (yellows), Amytal (blues)
Other Downers	Quaalude (Sopors), Optimil, Doriden, Placidyl, Methaqualoni
Heroin	"Smack," "Scag," "Horse"
Other Opiates	Morphine, Opium, Demerol, Codeine, Methadone

Additionally some of the drugs listed above may be prescribed for medical reasons, the questions that follow refer to use of these drugs for non-medical purposes, that is, for highs, for thrills, to relax, to give insight, or for pleasure.

<b>4</b> 0.	When was the <u>first time</u> you used each drug listed below for non-medical purposes?						41. When was the <u>last time</u> you used each drug listed below <u>for</u> non-medical purposes?	
	(Mark one circle for each drug)		More	(Mark one circle for each drug)  More 31- 181- Than				
A.	Marijuana or hashish			31-180 Days Ago	181-365 Days Ago	Than 365 Days Ago	Never Used	1-3 4-30 186 365 365 Days Days Days Days Days Ne A. Marijuana Today Ago Ago Ago Ago Us or hashish
В.	PCP			• • • • • •				B. PCP
C.	Other Hallucinogens							C. Other  Hallucinogens
D.	Cocaine							D. Cocaine
E.	Amphetamines other uppers .							E. Amphetamines or other uppers
F.	Tranquilizers							F. Tranquilizers
G.	Barbiturates or other downers							G. Barbiturates or other downers
H.	Heroin							H. Heroin
ŧ.	Other opiates							1. Other opiates

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#### The following questions are about the use and availability of drugs. First, we will give you examples of the various drugs.

DRUG	EXAMPLES
Mar juana	"Pot," "Grass"
Hashish	"Hash"
PCP	"Anger Dust"
Other Hallucinogens .	LSD, Mescaline, Peyote, STP, DOM, DMT, Psilocybin
Cocaine	"Coke," "Snow"
Amphetamines	Benzedrine, "Bennies," Methadrine, Dexedrine, "Speed"
Other Uppers	Preludin, Ritalin, Sandrex
Tranquilizers	Valium, Librium, Miltown
Barbiturates	. Seconal freds), Nembutal (yellows), Amytal (blues)
Other Downers	Quaalude (Sopors), Optimil, Doriden, Placidyl, Methaqualone
Heroin	. "Smack," "Scag," "Horse"
Other Opiates	. Morphine, Opium, Demerol, Codeine, Methadone

Although some of the drugs listed shows may be prescribed for medical reasons, the questions that follow refer to use of these drugs for non-medical purposes, that is, for highe, for thrills, to retex, to give inside, or for pleasure.

42.	During the past 30 days, on how many days did you use each	ch
	of the following drugs for non-medical purposes?	

(Mark one circle for each drug)

A. Marijuana	Every Day	Days	Days	Days	Less Often Than Weekly	Neve Used
or hashish						
B. PCP						
C. Other Hallucinogens						
D. Cocaine						
E. Amphetamines or other uppers						•
F. Tranquilizers						
G. Barbiturates or other downers					• • • • • •	
H. Heroin						

43.	How often do you use	each of the	following drugs with
	alcohol (beer, wine, or	hard liquor	) at the same time?

(Mark one circle for each drug below)

A.	Marijuana or hashish	Always	Often		
В.	PCP'		. · .	 	
C.	Other Hallucinogens			 	
D.	Cocaine			 . ,.	
E.	Amphetamines or other uppers			 	k - 1
F.	Tranquilizers			 	
G.	Barbiturates or other downers			 	
H.	Heroin			 	
ı.	Other opiates			 	

-1

#### The following questions are about the use and availability of drugs. First, we will give you examples of the various drugs.

DRUG	EXAMPLES
*** et s . s .	TP is Grass
**************************************	Hash
ع : و ا	"Ange Dist"
great the state of the state of	ESD, Mescaline, Peyote, STP, OCM, OMT, Ps, prytics
( <b>)</b> ·	"Goke" ""Scow"
Air proton ras	Benzedrine, "Bennies "Methadrine, Dekedrine, "Speed"
Strick opports	Prelludin Ritalin, Sandrex
Trango Czers	Valum Librium, Miltown
Barbiturates	Seconal (reds), Nembutal (yellows), Amytal (blues)
Other Downers	Quaalude (Sopors), Optimil, Dorider, Placidyl, Methaqualone
Heroin .	"Smack," "Scag," "Horse"
Other Opiates	. Morphine, Opium, Demerol, Codeine, Methadone

Although some of the drugs listed above may be prescribed for medical reasons, the questions that follow refer to use of these drugs for <u>non-medical purposes</u>, that is, for highs, for thrills, to relax, to give insight, or for pleasure.

44.	During the past 30 days, on how many days did you use each
	of the following drugs for non-medical purposes 2 hours or
	less before going to work, at lunch, or during a work break?
	(Mark one circle for each drug below)

A.	Marijuana or hashish	Day	Days a Week	Days Week	a Week	Often Than Weekly	,
₿.	PCP						
C.	Other Hallucinogens						
D	Cocaine					,.	
€.	Amphetamines other uppers						
F.	Tranquilizers						
G.	Barbiturates or other downers	i., ,					
Н.	. Heroin , , ,						. , •
	Other opiates						

45. During the past 30 days, on how many days did you use each of the following drugs for non-medical purposes while you were working (on-the-job)? (Mark one circle for each drug below)

A. Marijuana	1	E very Day	Day	<b>Y</b> 5	Days		Oft	en an	No
or hashi	sh					٠.			
B. PCP							•		
C. Other Hallucin	ogens								
D. Cocaine .									٠٠.
E. Ampheta other up	mines or								
F. Tranquili.	zer <b>s</b>								
G, Barbitura other do	tes or owners								
H, Heroin									

4E '	Which drugs can be obtained in the	49 8	328 leople use drugs for different reasons	How imp	ortant ar	e the	followin	0 18250
	community around this installation?	1	or your using drugs here at this instal		J. 1377. 3.			9
	(Mark one circle for each drug)		. ,		_			_
		1 2	k. Because the price of	Very Important	Fairly Importa		Vot at All mportant	
	Not Don't A Marituana - Avaitable Avaitable Know	1	triags is so low here					
	or hashish	9	Because we have juts of parties					
	B PCP	1	Because it is just about the only					
	C Other		recreation available here					
	Hailudinogens	1 0	Because Lam very tonesome here					
	D. Cocaine	1	Because my jubilgets me so tense					
	E. A. phetamines or		or hervous that I need to use					
	other uppers	1	drugs to unwind					
	F Tranquilizers		Because my I ving quarters are					
	G. Barbiturates or		so depressing					
	other downers		Because other people expect you to					
	H. Heroin	1	use drugs when they are using them					
	1. Other opiates	l		· · ·				
•	Mhich drugs can be obtained at this nstallation? Mark one ci⊧cle for <u>each</u> drug)		Asrk and outle for the section		IN THE	PAS	T 12 MO	NTHS
	Not Don't A Muriquana Available Available Know	]	Mark one circle for each statement				-	Happen
	or hashish	E0 .	had an illnow as a same and with any		T.		More	In Pas
ş	B. PCP	1	had an illness connected with my dring which kept me from duty for a week o	•				12 Mon
	C. Other	Į.		•				
,	Hallucinogens	4	had an illness connected with my use	-				
,		1	which kept me from duty for a week o					• •
	D. Cocaine	1	had an illness which kept me from d	-				
'		1	week or longer for reasons other the					
		1	drinking or use of drugs					
	F. Tranquilizers	1	didn't get promoted because of my dr	=				
(	G. Barbiturates or	1	didn't get promoted because of my u					
	ather downers	1	drugs					• •
	H. Heroin	1	didn't get promoted for a reason oth					
	1. Other opiates	1	drinking or use of drugs			• • •	• • • •	
		1	got a lower score in my efficiency re	•				
		1	performance rating because of my dri	-	· · · ·			
18	During the past 30 days, with whom did		got a lower score in my efficiency re					
	you use drugs for non-medical purposes?	1	performance rating because of my use	=	• • • •			• •
			got a lower score in my efficiency re	-				
	Did not use drugs in past 30 days	1	performance rating for a reason other					
	(Go to question 49)		drinking or drug use					
	100 to question 43/		received judicial or Article 15 punish					
	, Used drugs in past 30 days		Decause of my drinking					• •
	(Answer A-D below)	1 .	received judicial or Article 15 punish					
	(Amanci A-P BelOff)	1	secause of my use of drugs				• • • •	• •
	Same-	1	received judicial or Article 15 punish					
	Frequently times Never	l	or a reason other than drinking or dru	-				
	A. By myself		was arrested for driving after drinkin				• • • •	• •
,	B. People I		was arrested for driving after using d					• •
	work with		was arrested for driving for a reason					
(	C. People I		than drinking or drug use		• • • •	• • •		
	live with		was arrested for a drinking incident of					
	D. Other friends	1	elated to driving					
	or associates.		was arrested for a drug incident not					
		1 '	to driving					
		87. 1	was arrested for an incident, not rela	ted to				
			minima dan a asasan adam da an dalah da	00				
			riving, for a reason other than drinki	-				
			riving, for a reason other than brinkii r drug use	-				
			<del>-</del> -	-			tinued o	

		i,	y Th	HE PA	ST 12	MO	NTHS
	Mark one circle for each statement	Once		Twice	<b>M</b>	ore	Never Happened In Past 12 Months
68	I spent time in jail, stockade, or brig because of my drinking	0.702		1 44.04			12 Wighting
	I spent time in jail, stockade, or brig because of my use of drugs						
	I spent time in jail, stockade, or brig for a reason other than drinking or drug use						
	I was hurt in an accident connected with my drinking						
	I was hurt in an accident connected with my use of drugs						
	I was hurt in an accident not connected with drinking or use of drugs						
	My drinking caused an accident where others were hurt or property was damaged						
	My use of drugs caused an accident where others were hurt or property was damaged	•					
	I was in a accident not related to my drinking or use of drugs where others were hurt or property was damaged						
77	My spouse threatened to leave me because of my drinking						
	My spouse threatened to leave me because of my use of drugs						
	My spouse threatened to leave me but not because of my drinking or use of drugs						
	I hit my spouse or children because of my drinking						
	1 hit my spouse or children because of my use of drugs						• •
	I hit my spouse or children but not because of drinking or drug use						
					•		
	My spouse left me because of my drinking						
	My spouse left me because of my use of drugs						
	My spouse left me for a reason other than drinking or drug use						
	I entered a rehabilitation or treatment program because of my drinking			•			
	I entered a rehabilitation or treatment program because of my use of drugs.						
	I attended a special training or education program because of a problem related to my drinking.						
	I attended a special training or education program because of a problem related to my use of drug		٠.				
	I had to be detoxified because of my drinking						
	I had to be detoxified because of my drug use						
2.	I became drunk without planning to						
93.	I used more drugs than I planned to						
<b>4</b> .	I was drunk for more than one day at a time						• •
<b>3</b> 5.	I was "high" on drugs for more than one day at a time						
16.	Where do you most often drink or use drugs? (Mark one circle for each)	On Post		Off Post		on't ink	Don't Us
	A. Drink most often		٠.		*		Drugs
	B. Drug use most often						
97.	The following questions describe a number of things connected with drinking or using drugs that working days. Please indicate how often in the past 12 months, if at all, these things ever happen (Mark one circle for each)  NUMBER OF E	ed to	уо: НАГ	u <u>on a</u> PPENE	work	eng d	
	Because of Drinking:				12-	21-	40 or
	A. I did not work at my normal level of performance because of drinking, None 1 2 3 a hangover, or an illness caused by drinking	3 <b>4</b>		7-11	20	39	More 
	B. I was late for work or left work early because of drinking, hangover, or an illness caused by drinking						
	C. I did not come to work because of drinking, a hangover, or an illness caused by drinking						
	D. I was drunk or high while working because of drinking	, .					
	Secause of Drug Use	•	-				•
	E. I did not work at my normal level of performance because of my						
	use of drugs						
				•		•	
	F. I was late for work or left work early because of my use of drugs		•				
	G. I did not come to work because of my use of drugs	٠.					
	H. I was high while working because of my use of drugs						

	In the case 12						14			_		
Δ	In the past 12 mor		at the of love.	work)			7 95	N	0	Drink		
_	Did it ever hart the											
	Did tiever improv				urasor)							
_	Did it ever damage											
_	Did tiever morely											
_	Did it ever damage											
	•											
	ere are things that s cause of your use o								e thing	s ever ha	ppen to	You
	In the past 12 mor						Yes	N		Don't		
А	Did it ever improve		ality of your	work?			, 62	140		Use Drugs	•	
	Did it ever hurt the											
	Did it ever improve				Arment)							
	Did it ever damage											
	Did it ever improve											
	Did it ever damage											
Of I	the <u>past 12 months</u> illness?	s, now m	lany days did	you receive	medical tr	eatment	as a bed	Patient ii	n a hosp	ortal for a	an accide	mt
{M.	ark one circle for e	ach)			None		YS IN HO				•	27
A	Hospitalized in cor	nnection	with drinkin	na	None	1	2	3	4-6	7-13	14-76	M
	Hospitalized in cor											
	Hospitalized but n						* *					
C.	or use of drugs											
In	the past 12 months	s, how of	ften did you	visit a docto	r (as an ou	(patient)	for an ac	cident o	rillness	?		
In	the past 12 months	s, how of	ften did you	visit a docto	r (as an ou		for an ac				ıs	
	the past 12 months		ften did you	visit a docto	r (as an ou						IS 11-15	
(M A.	lark one circle for e Visited doctor in c	each) connectio	on with drink	king problem	None	DO:	CTORS VI	SITS IN (	PAST 12 4-5	2 MONTH 6-10	_	16 Mc
(M A. B.	lark one circle for e Visited doctor in c Visited doctor in c	each) connection	on with drink on with drug	ring problem problem	None	DO:	CTORS VI	SITS IN (	PAST 12 4-5	2 MONTH 6-10	_	
(M A. B.	lark one circle for e Visited doctor in c Visited doctor in c Visited doctor but	each) connection connections	on with drink on with drug onnection w	cing problem problem ith drinking	None	DO(	2	3	PAST 12 4-5	2 MONTH 6-10	_	
(M A. B. C.	lark one circle for e Visited doctor in c Visited doctor in c Visited doctor but or drug problem.	each) connection connection not in connection	on with drink on with drug onnection w	cing problem problem ith drinking	None	DOI 1	2	3	PAST 12 4-5	2 MONTH 6-10	_	
(M A. B. C.	lark one circle for e Visited doctor in c Visited doctor in c Visited doctor but	each) connection connection not in connection ribes you	on with drink on with drug onnection w	cing problem problem ith drinking	None	DOI 1	2	3	PAST 12 4-5	2 MONTH 6-10	_	
(M A. B. C.	lark one circle for e Visited doctor in c Visited doctor in c Visited doctor but or drug problem. hich term best descri	each) connection conne	on with drink on with drug onnection w 	ring problem problem ith drinking ijuana or has Freque	None	pool	2 2 6 month	3	PAST 12 4-5	2 MONTH 6-10	_	
(M A. B. C.	lark one circle for e Visited doctor in c Visited doctor in c Visited doctor but or drug problem.	each) connectic connectic not in c	on with drink on with drug onnection w 	ring problem problem ith drinking ijuana or has Freque	None  thish during thish during thish during the second	pool	2 2 6 month	3	PAST 12 4-5	2 MONTH 6-10	_	
(M A. B. C. Wh	Visited doctor in a Visited doctor in a Visited doctor but or drug problem. Never high term best described term best described term best described term best described in term best described term best described term best described in term best described in term best described in term best described in term best described in term best described in term best described in term best described in term best described in the term	connectic connectic not in connectic ribes you	on with drink on with drug onnection w 	ing problem problem ith drinking ijuana or has Freque er drugs for r Freque	None	pool	2 6 month	siTS IN (	PAST 12 4-5	2 MONTH 6-10	_	
(M A. B. C. Wh	Visited doctor in a Visited doctor in a Visited doctor but or drug problem high term best described terms and terms best described terms best described terms and terms best described terms and terms best described terms and terms are terms and terms are terms and terms are terms and terms are terms and terms are terms are terms and terms are terms are terms are terms are terms and terms are te	each) connectic connectic not in connectic ribes you ribes you	on with drink on with drug onnection w 	ing problem problem ith drinking ijuana or has Freque er drugs for r Freque	None whish during thily non-medical thick did you us	DOO 1 	2 6 month	sits in i	PAST 12 4-5	2 MONTH 6-10	_	
(M A. B. C. Wh	Visited doctor in a Visited doctor in a Visited doctor but or drug problem inich term best describet term	each) connected connected not in connected ribes you ribes you	on with drink on with drug onnection w Ir use of mar Sometimes Ir use of othe Sometimes many packs	ing problem problem. ith drinking ijuana or has Freque er drugs for r Freque of cigarettes	None  whish during thirty  non-medical thirty  did you us  Less t	DOO 1 	2 6 month	sits in i	PAST 12 4-5	2 MONTH 6-10	_	
(M A. B. C. Wh	Visited doctor in a Visited doctor in a Visited doctor but or drug problem inich term best describet hever hich term best describet hever visited by the past 30 da 3 or more 2 or more	each) connected connected not in continue ribes you ribes you ys, how e packs e, but less	on with drink on with drug onnection with drug onnection with use of mar Sometimes are use of other Sometimes many packs as than 3 packs	ing problem problem ith drinking ijuana or has Freque er drugs for r Freque of cigarettes	None whish during thily non-medical thick did you us	DOO 1 	2 6 month	sits in i	PAST 12 4-5	2 MONTH 6-10	_	
(M A. B. C. Wh	Visited doctor in a Visited doctor in a Visited doctor but or drug problem inich term best describet hever hich term best describet hever visited by the past 30 da 3 or more 2 or more	each) connected connected not in continue ribes you ribes you ys, how e packs e, but less	on with drink on with drug onnection w Ir use of mar Sometimes Ir use of othe Sometimes many packs	ing problem problem ith drinking ijuana or has Freque er drugs for r Freque of cigarettes	None whish during antly non-medical antly did you us	DOO 1 	2 6 month	sits in i	PAST 12 4-5	2 MONTH 6-10	_	
(MA.B.C.	Visited doctor in a Visited doctor in a Visited doctor but or drug problem inich term best describet hever hich term best describet hever visited by the past 30 da 3 or more 2 or more	each) connected connected not in or ribes you ribes you expands packs a packs but less but less	on with drink on with drug onnection w ir use of mar Sometimes ir use of othe Sometimes many packs s than 3 packs	ing problem problem ith drinking ijuana or has Freque er drugs for r Freque of cigarettes	None  whish during ently  non-medical ently  did you us  Less t	the last	2 .6 month es during oke in on	s? the <u>last (</u>	PAST 12 4-5	2 MONTH 6-10 	11-15	Mi
(MA, B, C, Wh)	Visited doctor in a Visited doctor in a Visited doctor but or drug problem high term best described term b	ribes your ribes your	on with drink on with drug onnection w ir use of mar Sometimes ir use of othe Sometimes many packs s than 3 packs	ing problem problem ith drinking ijuana or has Freque er drugs for r Freque of cigarettes	None  whish during ently  non-medical ently  did you us  Less t	the last purpose pually sm phan 1 pa	2 .6 month es during oke in on	s? the <u>last (</u> e day? moked	PAST 12 4-5 6 month	2 MONTH 6-10 hs?	11-15	Mi
(MA, B, C, Wh)	Visited doctor in a Visited doctor in a Visited doctor in a Visited doctor but or drug problem. Never high term best described	ribes your ribes your	on with drink on with drug onnection w ir use of mar Sometimes ir use of othe Sometimes many packs s than 3 packs	ing problem problem ith drinking ijuana or has Freque er drugs for r Freque of cigarettes	hish during ently did you us None None w many da	the last purpose ually sm han 1 pa	6 month  6 month  6 month  ck in on  ck, but si	sits in i 3  section in the last in the l	PAST 12 4-5 6 month	2 MONTH 6-10 hs?	e past 12	Me
(MAA.B.C.	Visited doctor in a Visited doctor in a Visited doctor in a Visited doctor but or drug problem. Never high term best described high term best described high term best described high term best 30 da 3 or more 2 or more 1 or more 1 or more when the problem high term best 30 da 3 or more 2 or more 1 or more	ribes you ribes	on with drink on with drug onnection w 	ith drinking ith drinking ijuana or has Freque er drugs for r Freque of cigarettes cs cs dicate on ho	hish during ently did you us None w many da	the last purpose ually sm han 1 pa	6 month  6 month  6 month  ck in on  ck, but si  experies  3-4	sits in i  3  the last i  e day?  moked  his experi	PAST 12 4-5 6 month	2 MONTH 6-10 	e <u>past 12</u>	Me
(MAA.B.C.	Visited doctor in a Visited doctor in a Visited doctor but or drug problem. Never high term best described	ribes you ribes	on with drink on with drug onnection w 	ing problem problem ith drinking ijuana or has Freque er drugs for r Freque of cigarettes cs cs dicate on ho  Every Day	hish during ently did you us None None w many da	the last purpose ually sm han 1 pa	2 6 month 6 month ck in on ick, but si iave had t EXPERIE 3-4 imes Week	se day? moked  his exper	PAST 12 4-5 6 month	2 MONTH 6-10 hs?	e past 12 HS Less	Me
(MAABCC). Why Poi	Visited doctor in a Visited doctor in a Visited doctor but or drug problem. Never high term best described high term best	each) connected	on with drink on with drug onnection w ar use of mar Sometimes ar use of othe Sometimes many packs is than 3 pack is than 2 pack ow, please in	ing problem problemith drinkingijuana or has Freque er drugs for r Freque of cigarettes	hish during ently did you us None w many da	the last purpose ually sm han 1 pa	6 month  6 month  6 month  ck in on  ck, but si  experies  3-4	se day? moked  his exper	PAST 12 4-5 6 month	2 MONTH 6-10 	e past 12 HS Lees	Me
(MA.B.C. Wh	Visited doctor in a Visited doctor in a Visited doctor but or drug problem. Never high term best described	connectic connectic connectic not in consistency ribes you ribes you ribes you e packs e packs e, but less e, but less isted below sach)	or with drink on with drug onnection w	ijuana or has Freque er drugs for r Freque of cigarettes cs cs dicate on ho  Every Day	hish during ently did you us None w many da	the last purpose ually sm han 1 pa	2 6 month 6 month ck in on ick, but si iave had t EXPERIE 3-4 imes Week	se day? moked  his exper	PAST 12 4-5 6 month	2 MONTH 6-10 	e past 12 HS Lees	Me

	vom ting stomach cramps, diarrhe	leans that you had symptoms such as intunny hose or eyes, fl a, muscle pains, etc.: NUMBE	R OF SICK DAYS IN PAST 12 MONTHS
	(Mark one circle for each)	None	15 or 1 2-7 8-14 More
	A. I was sick because of <u>using</u> drug		4
	B I was sick because I stopped us other downers, or tranquilizer	ing drugs like - Heroin, other opiates, barbiturates, s	
		ing drugs like i marijuana, hashish, PCP, other cocaine, other uppers, or glue inhalants	
107.	Do you need help for a drinking problem?	113. If you don't NOW use drugs at all for <u>non-medical profits of the following reasons for your decision?</u>	urposes, how important are each
	Yes	A. I still use drugs ( <u>Do not</u> answer questions	
	No	I do not use drugs at the present time. (An	swer questions B-L below)
	Don't know	(Mark one circle for each reason below)	Very Some Na
108.	Do you need help with a drug problem?	B. Parents or relatives disapprove	
	Yes	C. Friends disapprove	
	r es No	D. Against my religion	
	Don't know	F. Non-medical use of some drugs is illegal	
	_ 2	G. Had a bad experience with it	
109.	Do any of your dependents	H. Might interfere with my work or other activity	· ·
	need help for a <u>drinking</u>	1. No desire to experience effects	
	or <u>drug</u> problem?	J. Difficult to get drugs	
	I don't have any dependents.	K. Too costly to use drugs	
	Yes, for a drinking problem	L. Tried it but was not interested	
	Yes, for a drug problem		
	No help needed Don't know		
	Don't know		
110.	Do any of your friends in the military need help for a drinking or drug problem?		
	Yes, for a drinking problem		
	Yes, for a drug problem		
	No help needed		
	Don't know		
111.	How would you compare your drinking before and after you	WE THANK YOU VERY MUCH FOR AND COOPERATION IN COMPLETING	
	entered the Service?  More before entering		
	the Service	PLEASE PLACE QUESTIONNAIRE AND AS YOU LEAVE THE ROOM.	FENCIL IN THE BUX
	About the same	AO TOO ELAVE THE HOOM,	
	Less before entering the Service		
	Did not drink before entering Service and do not drink now	·	
112.	How would you compere your use of drugs before and after you entered the Service?		
	(i) More before entering the Service		
	About the same		
	Less before entering		
	the Service		
	, Did not use drugs before		
	entering Service and do not		
	use drugs now	_	\$923/2681-Intran-54321

APPENDIX I

STANDARDIZATION OF CIVILIAN AND MILITARY POPULATIONS

# STANDARDIZATION OF CIVILIAN AND MILITARY POPULATIONS

For the purpose of comparing the drug and alcohol prevalence among young adults between the ages of 18 and 25 in the military population with the drug and alcohol prevalence among the civilian young adults ages 18-25, appropriate weight factors were computed to standardize (i.e., neutralize compositional differences in) age, sex, marital status and level of education for the civilian sample. That is, weights were introduced in the civilian sample so as to make that sample correspond to the military sample with respect to the specified demographic characteristics. The computation of weight factors for the civilian data was done in the manner described below.

A multivariate matrix of marital status by level of education by sex and by age was prepared for each of the military and civilian subsample populations; each cell represented the proportion of the subsample population with a particular combination of characteristics. Marital status and level of education variables were both dichotomized. That is, "marital status," was defined as "married" and "not married" (including widowed, divorced, separated and never married categories) and "high school graduate or less" and "more than high school training or education" were defined for level of education. In general, age was in one-year units for males and two-year units for females. Categories were combined for cells in which the percentages were very small (e.g., less than .05 percent).

Based on these two matrices, the weight factors to be applied to the civilian subsample were computed using the following formula:

$$W_i = M_i/C_i$$

where  $W_i$  = Weight factor to be applied to civilians with the ith combination of characteristics

The weight factor for each civilian was entered into the respondent's record on the civilian data tape. The adjusted weight was then computed by multiplying the existing weight by the weight factor for each civilian respondent and, thus, the civilian data were made comparable to the military data for this subsample population.

